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ENVIRONMENTAL BASELINE STUDIES
DATA PRESENTATION
PROGRESS REPORT 9

FALL 1976

for

Rio Blanco Oil Shale Project
9725 E. Hampden Avenue
Denver, Colorado 80231

Submitted

February 1977

ABSTRACT

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Species composition of periphyton between similar sampling periods of the two years varied somewhat. Macrophytes were rare during the fall 1976 sampling period.

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Fall 1976 Greater Sandhill Crane surveys failed to reveal the presence of cranes. Results of repeated surveys indicate that the area is not an important migratory stopover for Sandhill Cranes.

ECR-76-052

METEOROLOGY AND AIR QUALITY
QUARTERLY PROGRESS REPORT
FOR
FEDERAL OIL SHALE TRACT C-a
FALL 1976

Prepared for

The Rio Blanco Oil Shale Project

By

EG&G, Environmental Consultants
9025 East Kenyon Avenue, Suite 201
Denver, Colorado 80237

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2.1 AIR QUALITY

Air quality studies are designed to meet and, in some cases exceed, the following lease stipulations: . . . "in the collection of baseline data, the Lessee shall monitor air quality over at least 90 percent of each lease year, during which monitoring is required, using four strategically located stations. One of the stations shall be at the expected point of maximum concentration, or as close to that expected point of maximum concentration as feasible. The Lessee shall monitor air quality for sulfur dioxide, hydrogen sulfide, and suspended particulates, using automatic instruments with continuous recorders, when applicable. The Lessee shall also monitor, under the same conditions, hydrocarbons, oxides of nitrogen, and other pollutants, where the Area Oil Shale Supervisor has determined that such monitoring is necessary to determine baseline air quality or to conduct an effective monitoring program."

The Air Quality and Meteorological Data Acquisition System for the RBOSP consists of: four monitoring sites, each with tower-mounted meteorological instruments and trailer-contained air quality instrumentation; interface electronics; RF data telemetry links; and a central minicomputer for data storage and processing (Figure 2.1-1). Individual system configurations for each site are presented in Figures 2.1-2 through 2.1-4. Air quality parameters measured at each site are:

Site No.	THC	CH_4	SO_2	H_2S	NO_x	NO	CO	O_3	Particulates
1	X	X	X	X	X	X	X	X	X
2	X	X	X	X					X
3	X	X	X	X	X	X	X	X	X
4	X	X	X	X					X

Data from all stations are sent to the minicomputer at the central station (Site 1). The minicomputer exponentially averages the air quality data from the continuously operating analyzers. The minicomputer stores the data on magnetic tape, the primary recording medium. A high speed printer provides a hardcopy printout. Backup analog recorders are located in air quality trailers.

The Fall 1976 quarter (season) is defined as 1 September 1976 through 30 November 1976.

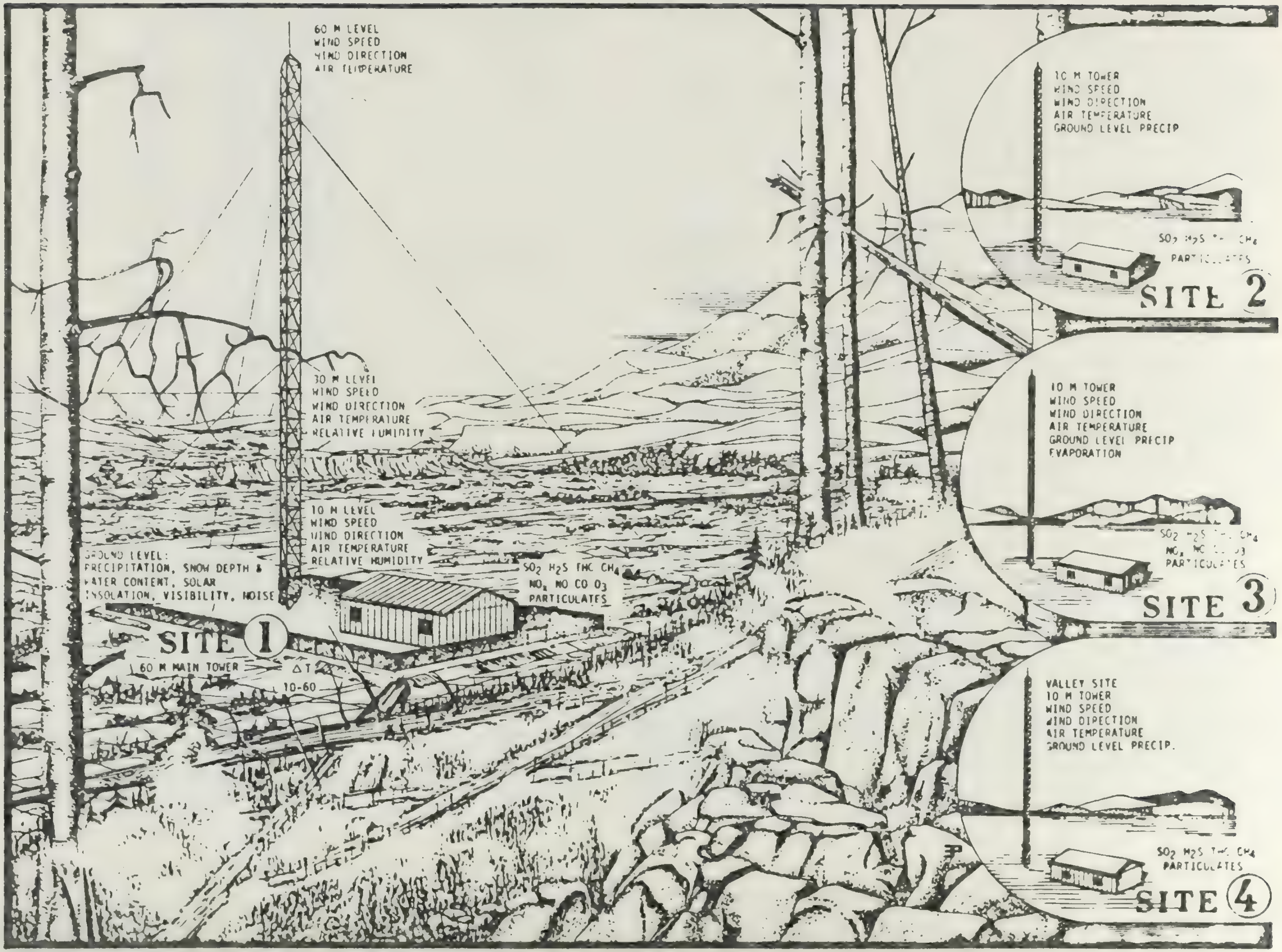

Figure 2.1-1. Meteorological and air quality data acquisition system for Tract C-a, RBOSP.

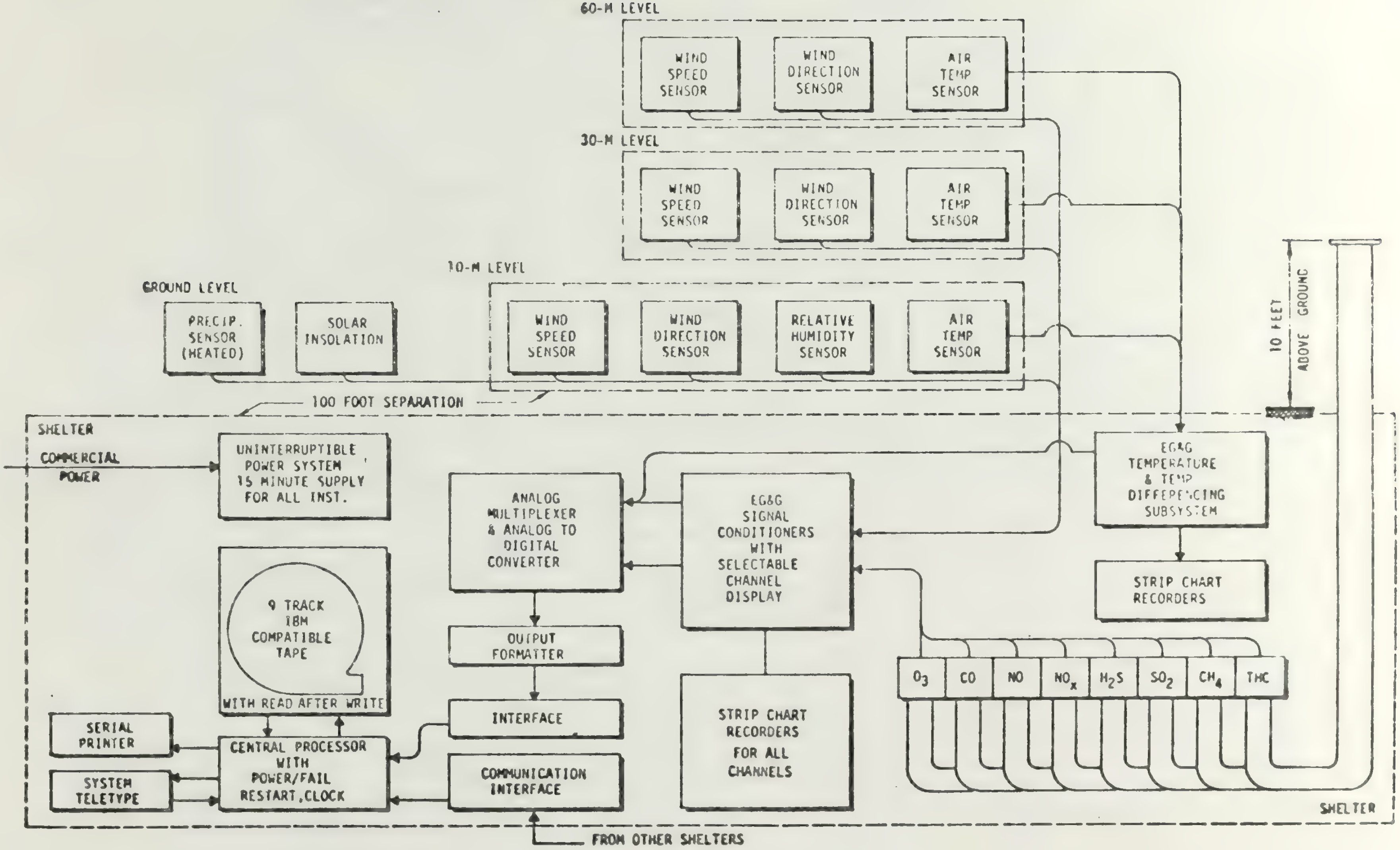

Figure 2.1-2. Site 1 central station system configuration, RBOSP.

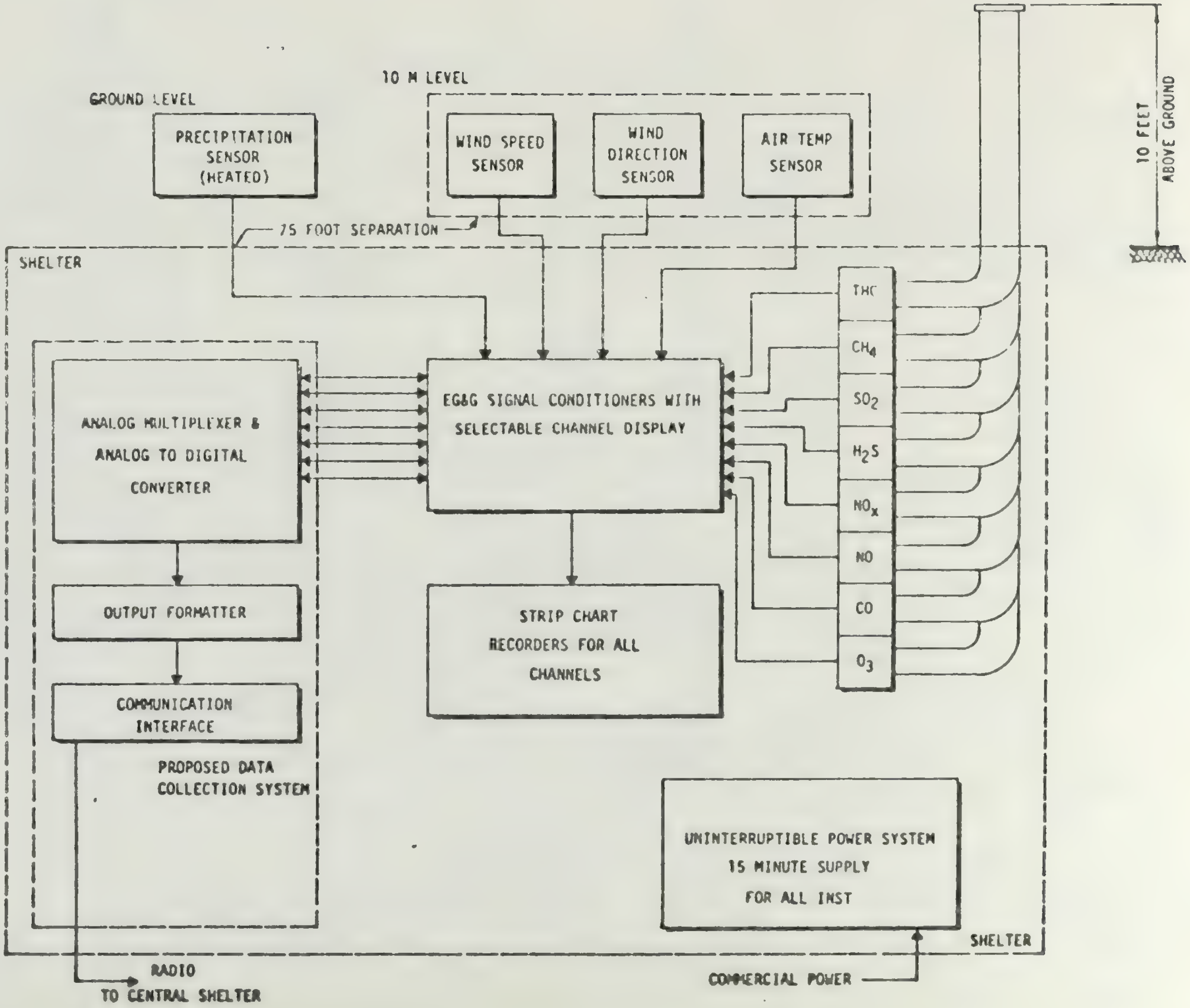
GROUND LEVEL
PRECIPITATION SENSOR (HEATED)
10 M LEVEL
WIND SPEED SENSOR
WIND DIRECTION SENSOR
AIR TEMP SENSOR
10 FEET ABOVE GROUND
75 FOOT SEPARATION
SHELTER
THC
CH_4
SO_2
H_2S
NO_x
NO
CO
O_3
EG&G SIGNAL CONDITIONERS WITH SELECTABLE CHANNEL DISPLAY
ANALOG MULTIPLEXER & ANALOG TO DIGITAL CONVERTER
OUTPUT FORMATTER
COMMUNICATION INTERFACE
PROPOSED DATA COLLECTION SYSTEM
STRIP CHART RECORDERS FOR ALL CHANNELS
UNINTERRUPTIBLE POWER SYSTEM 15 MINUTE SUPPLY FOR ALL INST
SHELTER
RADIO TO CENTRAL SHELTER
COMMERCIAL POWER

Figure 2.1-3. Valley site, Site 3, instrumentation trailer, RBOSP.

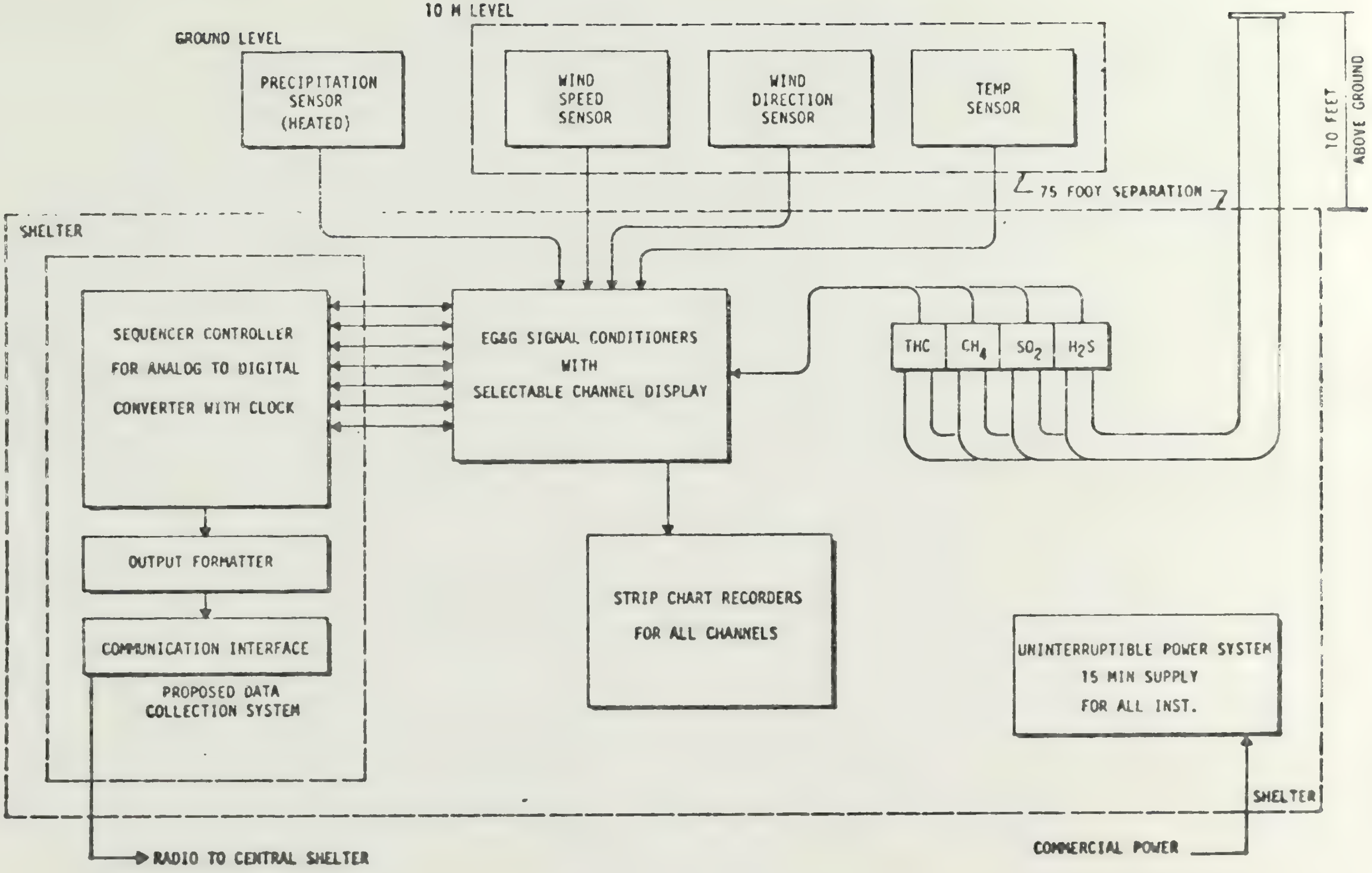
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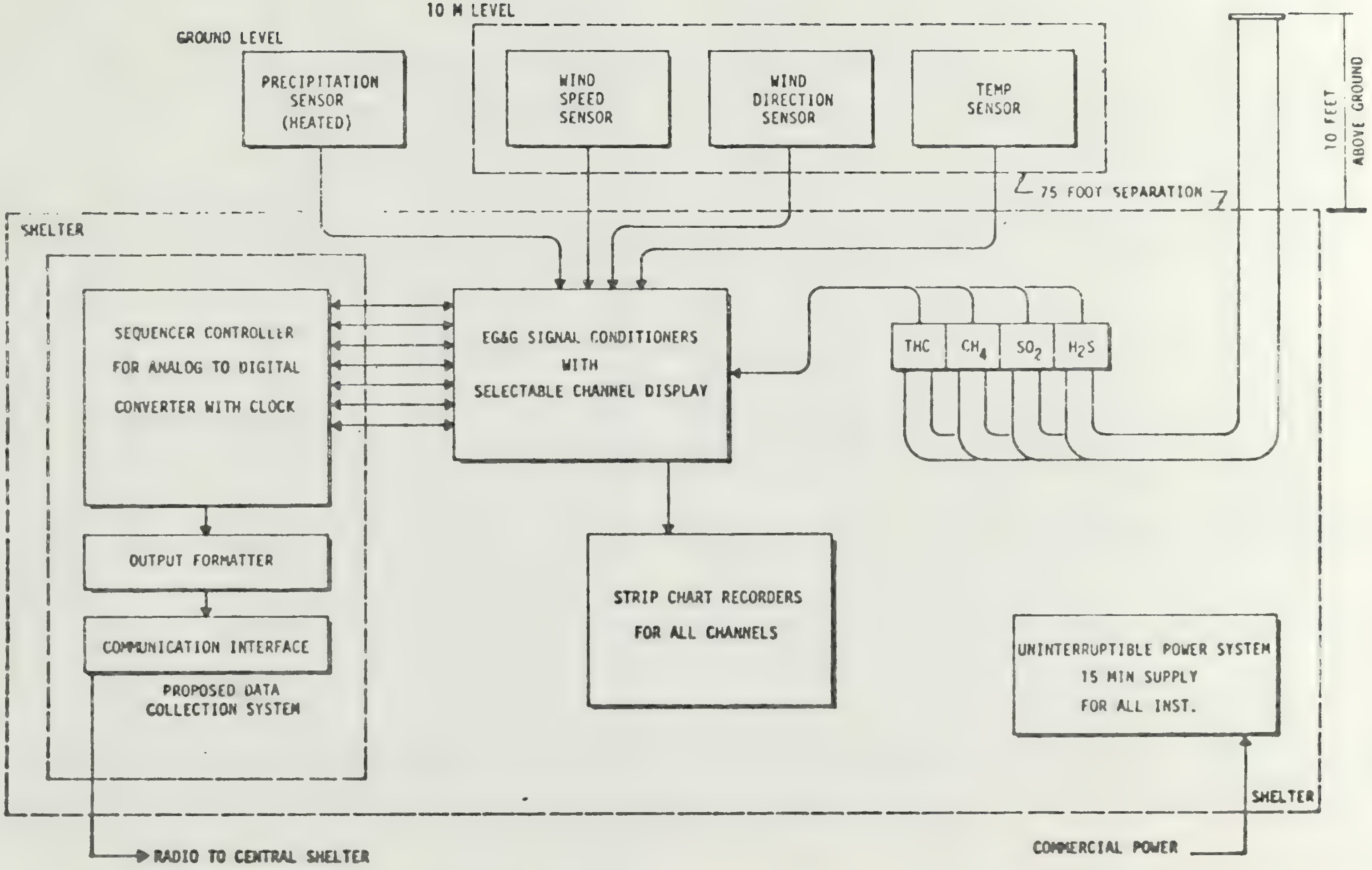
Figure 2.1-4. Remote site instrumentation shelters for Sites 2 and 4, RBOSP.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PROPOSED DATA COLLECTION SYSTEM
STRIP CHART RECORDERS FOR ALL CHANNELS
UNINTERRUPTIBLE POWER SYSTEM 15 MIN SUPPLY FOR ALL INST.
SHELTER
RADIO TO CENTRAL SHELTER
COMMERCIAL POWER

Figure 2.1-4. Remote site instrumentation shelters for Sites 2 and 4, RBOSP.

2.1.1 Parameters

2.1.1.3 Results

Table 2.1-1 lists the instruments and air quality measurement techniques used for monitoring gases. Also presented are the lower detectable limits (LDL) for the instruments. The LDL are interpreted as the lowest concentration that can be differentiated from noise,

Analysis of the air quality parameters measured on Tract C-a indicates that with the exception of ozone and hydrocarbons, the mean values are in the expected low background ranges. Results of the analysis are discussed and tabulated in this section. For a complete hourly listing of the data, refer to Appendix A, Section A.1. For composite day summaries containing minimum, maximum, and mean values by hour of the day for all air quality parameters at all sites, refer to Appendix A, Section A.2. Recovery percentages are presented in Appendix A, Section A.3.

Table 2.1-2 presents a comparison of Federal and State Standards with measurements taken from 1 September 1976 through 30 November 1976 at the RBOSP sites. The baseline data values indicated fifteen exceedances of the 6-9 am nonmethane hydrocarbon standard. All of these occurrences were at Site 1 during October 1976. No other gaseous standard exceedances occurred during the Fall season.

The particulate concentrations observed during this quarter did not violate either the federal 24-hour maximum primary or the state 24-hour maximum standards. The federal secondary 24-hour standard was exceeded four times during the quarter. The state 24-hour standard was exceeded two times during the quarter. The mean value for all sites for the quarter, if continued at the same rate, would not result in an annual mean higher than the federal or state annual particulates standards.

Seasonal and monthly minimum, maximum, and mean values for all air quality parameters are presented in Tables 2.1-3 through 2.1-6. Table 2.1-6 combines the values in Tables 2.1-3, 2.1-4, and 2.1-5 for a composite representation of the data for this quarter, Fall, 1976.

2.1.1.3.1 Gases

Table 2.1-6 indicates that the seasonal mean values for CO, NO, NO_x, H_2S, and SO_2 are comparable to the lower limit of detectability of the analyzers. Seasonal mean values of ozone are similar in magnitude to the maximum levels specified by the regulatory standards. The levels of ozone appear to be background, and not associated with man's activity. The hydrocarbon (both methane and total hydrocarbons) concentrations remain relatively

Table 2.1-1. Air quality instrumentation and measurement techniques, RBOSP.

Parameter	Manufacturer	Model	Technique	Lower Detectable Limit (ppm)[1]	Accuracy ±(ppm)
SO_2/H_2S	Bendix	8700X	Flame photometric with separation column for SO_2 and H_2S	0.005	0.020
NO_x/NO	Bendix	8101-B	Chemiluminescence	0.005	0.010
THC/CH_4	Bendix	8201	Flame ionization detector with separation column for CH_4	0.005	0.10 (THC) 0.02 (CH_4)
Photochemical Oxidant (O_3)[2]	Bendix	8002	Chemiluminescence	0.001	0.004[3]
CO	Bendix	8501-5CA	Nondispersive infrared detector	0.5	0.500[3]

[1] LDL is the lowest concentration that can be differentiated from instrument noise.

[2] Photochemical oxidant corrected for interference due to nitrogen oxide and nitrogen dioxide as measured by the Federal Reference as ozone (O_3) with the chemiluminescence method.

[3] Estimated accuracy.

Table 2.1-2. Comparison of Federal and State air quality standards[5] to measurements made during Fall 1976, RBOSP.

Parameter	Standard		Time Interval	Type of Standard	No. of Times Exceeded During Quarter	Site 1 Max. Measured			Site 2 Max. Measured			Site 3 Max. Measured			Site 4 Max. Measured		
						Value			Value			Value			Value		
	$\mu g/m^3$	ppm				$\mu g/m^3$	ppm	Time	$\mu g/m^3$	ppm	Time	$\mu g/m^3$	ppm	Time	$\mu g/m^3$	ppm	Time
CO	40,000	35	1 hr max.	Primary and Secondary1/	0	1514	1.322	1200 10/21	---	---	---	1467	1.281	2300 11/17	---	---	---
CO	10,000	9	8 hr max.	Primary and Secondary1/	0	1380	1.205	0500 9/5	---	---	---	1330	1.162	0800 11/19	---	---	
Nonmethane Hydrocarbon	160	0.24	3 hr max. (6-9 am only)	Primary and Secondary1/	20	335	0.513	2300 10/20	60	0.091	9/11	48	0.074	10/3	130	0.199	10/23
NO_2	100	0.05	Annual Arith. Mean	Primary and Secondary1/	NA	0[3]	0.000[3]	NA	---	---	---	0[3]	0.000[3]	NA	---	---	---
Ozone	160	0.08	1 hr max.	Primary and Secondary1/	0	88	0.045	1800 10/17	---	---	---	96	0.049	1700 9/14	---	---	---
SO_2	365	0.14	24 hr max.	Primary1/	0	5	0.002	2100 10/28	34	0.013	1400 11/17	10	0.004	1900 9/21	133	0.051	0500 9/29
SO_2	80	0.03	Annual Arith. Mean	Primary1/	NA	0[3]	0.000[3]	NA	3[3]	0.001[3]	NA	5[3]	0.002[3]	NA	10[3]	0.004[3]	NA
SO_2	1300	0.5	3 hr max.	Secondary1/	0	42	0.016	0000 10/28	10	0.004	1700 11/6	10	0.004	0900 11/10	217	0.083	2300 9/28
Particulates	260		24 hr. max.	Primary1/	0	53	NA	10/19	46	NA	10/31	281	NA	11/3	182	NA	11/3
Particulates	75		Annual Geo. Mean	Primary1/	NA	12[4]	NA	NA	15[4]	NA	NA	35[4]	NA	NA	21[4]	NA	NA
Particulates	150		24 hr max.	Secondary1/	4	53	NA	10/19	46	NA	10/31	281	NA	11/3	182	NA	11/3
Particulates	60		Annual Geo. Mean	Secondary1/	NA	12[4]	NA	NA	15[4]	NA	NA	35[4]	NA	NA	21[4]	NA	NA
Particulates	150[6]		24 hr max.	State2/	2	41	NA	10/19	35	NA	10/31	215	NA	11/3	139	NA	11/3
Particulates	45[6]		Annual Arith. Mean	State2/	NA	12[3]	NA	NA	15[3]	NA	NA	44[3]	NA	NA	26[3]	NA	NA

1/Environmental Protection Agency Regulations on national primary and secondary ambient air quality standards (40 CFR 50: 36 FR 22384, November 25, 1971: as amended by 38 FR 25678, September 14, 1973; 40 FR 7042, February 18, 1975).

2/Ambient air standards for metropolitan Denver air quality control region, air quality control areas, and the State of Colorado; Adopted: September 10, 1970, Effective: December 17, 1970, amended September 4, 1974, amended September 4, 1975.

3/Arithmetic mean of values measured during the quarter.

4/Geometric mean of values measured during the quarter.

5/All EPA Standards are at reference conditions of 25 C and 760 mmHg.

6/Reported at ambient temperature and pressure.

NA = Not Applicable.

= Not measured at this site.

Table 2.1-3. Air Quality parameters, monthly summary for September 1976, RBOSP.[1]

Parameters	Units	Minimum	Maximum	Arithmetic Mean
		SITE 1		
O_2	ppm	0.016	0.042	0.032
CO	ppm	0.000	1.264	0.706
NO	ppm	0.000	0.012	0.003
NO_x	ppm	0.000	0.012	0.002
CH_4	ppm	1.399	2.006	1.710
THC	ppm	1.373	1.888	1.702
H_2S	ppm	0.000	0.011	0.001
SO_2	ppm	0.000	0.002	0.000
Particulates	$\mu g/m^3$	1	43	9[2]
		SITE 2		
CH_4	ppm	1.358	1.540	1.426
THC	ppm	1.330	1.574	1.426
H_2S	ppm	0.001	0.004	0.003
SO_2	ppm	0.000	0.003	0.001
Particulates	$\mu g/m^3$	3	26	11[2]
		SITE 3		
O_3	ppm	0.004	0.049	0.029
CO	ppm	0.000	1.126	0.382
NO	ppm	0.000	0.034	0.002
NO_x	ppm	0.000	0.036	0.002
CH_4	ppm	1.273	1.610	1.423
THC	ppm	1.220	1.608	1.431
H_2S	ppm	0.001	0.005	0.002
SO_2	ppm	0.001	0.024	0.003
Particulates	$\mu g/m^3$	1	59	17[2]
		SITE 4		
CH_4	ppm	1.204	1.506	1.397
THC	ppm	1.222	1.679	1.457
H_2S	ppm	0.002	0.075	0.008
SO_2	ppm	0.001	0.085	0.008
Particulates	$\mu g/m^3$	4	28	12[2]

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[1] Values presented are based upon hourly averages.

[2] Geometric mean

Table 2.1-4. Air quality parameters, monthly summary for October 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Arithmetic Mean
		SITE 1		
O_2	ppm	0.024	0.045	0.035
CO	ppm	0.000	1.322	0.190
NO	ppm	0.006	0.012	0.009
NO_x	ppm	0.004	0.011	0.008
CH_4	ppm	1.419	1.674	1.568
THC	ppm	1.680	2.262	1.881
H_2S	ppm	0.000	0.020	0.001
SO_2	ppm	0.000	0.026	0.000
Particulates	$\mu g/m^3$	4	43	14[2]
		SITE 2		
CH_4	ppm	1.365	1.564	1.457
THC	ppm	1.387	1.687	1.497
H_2S	ppm	0.003	0.004	0.003
SO_2	ppm	0.000	0.001	0.001
Particulates	$\mu g/m^3$	5	46	20[2]
		SITE 3		
O_3	ppm	0.008	0.047	0.028
CO	ppm	0.000	1.081	0.229
NO	ppm	0.000	0.028	0.004
NO_x	ppm	0.000	0.024	0.003
CH_4	ppm	1.368	1.615	1.498
THC	ppm	1.397	1.614	1.505
H_2S	ppm	0.001	0.008	0.003
SO_2	ppm	0.000	0.005	0.002
Particulates	$\mu g/m^3$	6	128	38[2]
		SITE 4		
CH_4	ppm	1.220	1.431	1.539
THC	ppm	1.372	1.704	1.523
H_2S	ppm	0.000	0.051	0.004
SO_2	ppm	0.001	0.057	0.004
Particulates	$\mu g/m^3$	4	132	21[2]

[1] Values presented are based upon hourly averages

[2] Geometric mean

Table 2.1-5. Air quality parameters, monthly summary for November 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Arithmetic Mean
		SITE 1		
O_2	ppm	0.024	0.039	0.033
CO	ppm	0.000	0.971	0.062
NO	ppm	0.004	0.013	0.010
NO_x	ppm	0.002	0.012	0.009
CH4	ppm	1.305	1.970	1.602
THC	ppm	1.429	1.936	1.788
H_2S	ppm	0.000	0.014	0.001
SO_2	ppm	0.000	0.000	0.000
Particulates	$\mu g/m^3$	5	53	13[2]
		SITE 2		
CH_4	ppm	1.375	1.565	1.461
THC	ppm	1.380	1.819	1.488
H_2S	ppm	0.001	0.013	0.003
SO_2	ppm	0.001	0.008	0.001
Particulates	$\mu g/m^3$	7	44	20[2]
		SITE 3		
O_2	ppm	0.010	0.042	0.026
CO	ppm	0.000	1.281	0.541
NO	ppm	0.001	0.022	0.005
NO_x	ppm	0.000	0.019	0.003
CH_4	ppm	1.314	1.599	1.484
THC	ppm	1.398	1.635	1.505
H_2S	ppm	0.002	0.010	0.003
SO_2	ppm	0.001	0.009	0.002
Particulates	$\mu g/m^3$	20	281	62[2]
		SITE 4		
CH_4	ppm	1.319	1.459	1.644
THC	ppm	1.339	1.700	1.504
H_2S	ppm	0.001	0.021	0.002
SO_2	ppm	0.000	0.024	0.001
Particulates	$\mu g/m^3$	13	182	37[2]

[1] Values presented are based upon hourly averages.

[2] Geometric mean

Table 2.1-6. Air quality parameters, seasonal summary for Fall 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Arithmetic Mean
SITE 1				
O_2	ppm	0.016	0.045	0.033
CO	ppm	0.000	1.322	0.317
NO	ppm	0.000	0.013	0.007
NO_x	ppm	0.000	0.012	0.007
CH_4	ppm	1.305	2.006	1.626
THC	ppm	1.373	2.262	1.790
H_2S	ppm	0.000	0.020	0.001
SO_2	ppm	0.000	0.026	0.000
Particulates	$\mu g/m^3$	1	53	12 [2]
SITE 2				
CH_4	ppm	1.375	1.565	1.461
THC	ppm	1.380	1.819	1.488
H_2S	ppm	0.001	0.013	0.003
SO_2	ppm	0.001	0.008	0.001
Particulates	$\mu g/m^3$	3	46	15 [2]
SITE 3				
O_3	ppm	0.004	0.048	0.028
CO	ppm	0.000	1.281	0.382
NO	ppm	0.000	0.034	0.004
NO_x	ppm	0.000	0.036	0.003
CH_4	ppm	1.273	1.615	1.469
THC	ppm	1.220	1.635	1.481
H_2S	ppm	0.001	0.010	0.003
SO_2	ppm	0.000	0.024	0.002
Particulates	$\mu g/m^3$	1	281	35 [2]
SITE 4				
CH_4	ppm	1.204	1.644	1.433
THC	ppm	1.222	1.704	1.496
H_2S	ppm	0.000	0.075	0.004
SO_2	ppm	0.000	0.085	0.004
Particulates	$\mu g/m^3$	4	182	21 [2]

---

[1] Values presented are based upon hourly averages.

[2] Geometric mean

constant throughout the day, while the ozone exhibits definite diurnal variations with a maximum at about noon and a minimum at about midnight.

2.1.1.3.2 Particulates

Table 2.1-7 gives the particulate concentration for the quarter for each site. The frequency of sampling at Site 3 remained at the more intense level during the Fall quarter to further define particulate concentrations. The large variation between samples and sites is expected. Considerable fugitive dust is more than likely due to wind and activities on the tract. For example, Site 3 is not far from a well-traveled road. Although considerable airborne dust was visible during the increased activity on site during the tracer studies and the beginning of hunting season, the exceedence occurred after these events.

2.1.1.3.3 Particulate Size

Particulate size data by concentration and particle size range are given in Table 2.1-8. These data show that a large portion of the particulate weight is made up of particles of 0 to 0.95 μm. The values indicated by $<1\ \mu g/m^3$ are less than the estimated concentration measurable by the data collection technique.

2.1.1.3.4 Particle Composition

The results of particle trace element analysis on a particulate sample taken over one 24-hour period during the quarter are presented in Table 2.1-9.

Table 2.1-7. Particulate concentration data for Fall 1976; values are presented in $\mu g/m^3$, RBOSP.

Month	Day	Year	Site 1	Site 2	Site 3	Site 4
September	1	1976	NA[1/]	12		7
	2				37	
	4		21	23	NA	13
	6				26[1/]	
	7		12	10		13
	8				NA	
	10		43	12	31	23
	12				15	
	13		6	11		17
	14				42	
	16		19	19	22	28
	18				16[1/]	
	19		12[1/]	26		19
	20				59	
	22		5	8	6	6
	24				1[1/]	
	25		1	3		4
	26				6	
	28		8	6	32	9
	30				21	
October	1	1976	9	15		36
	2				8	
	4		4	5	6	6
	6				19[1/]	
	7		4[1/]	10		4
	8				26	
	10		8	9	42	10
	12				27[1/]	
	13		15	17		18
	14				54	
	16		19[1/]	31	84	26
	18				57	
	19		NA[2/]	13		32
	20				95	
	22		32	38	109	25[4/]
	24				61[1/]	
	25		43[1/]	15[3/]		44
	26				21	
	28		21	12	48	18
	30				128[1/]	
	31		24	46		132

Table 2.1-7. Particulate concentration data for Fall 1976; values are presented in $\mu g/m^3$, RBOSP. (Cont.)

Month	Day	Year	Site 1	Site 2	Site 3	Site 4
November	1	1976			210	
	3		NA	28	281	182
	5				192[1]	
	6		12	22		131
	7				70	
	9		18	44	114	105
	11				53[1]	
	12		17[1]	22		24
	13				33	
	15		11	17	38	18
	17				29[1]	
	18		8[5]	7		38
	19				36	
	21		5[1]	11	45	13
	23				47[1]	
	24		6	15		23
	25				119	
	27		20	27	26	22
	29				20[1]	
	30		53[1]	40		18

[1] Composite of particulate sizing measurements.

[2] Ran for 38 hours (84 $\mu g/m^3$).

[3] Sampler ran 1500 MST 25 October 1976 to 1499 MST 26 October 1976.

[4] Sampler ran 1524 MST 22 October 1976 to 1523 MST 23 October 1976.

[5] Sample collected 1440 MST 18 November 1976 through 1439 MST 19 November 1976.

NA - Data not available, sampling problems

Table 2.1-8. Particulate concentration by equivalent aerodynamic diameter[1] at Site 1 for Fall 1976, RBOSP.

Size Range (microns)	9/1	9/19	9/25	10/7	10/16	10/25	11/3[2]	11/12	11/21	11/30
7.2 - ∞	NA	<1	<1	<1	2	4	NA	2	<1	1
3.0 - 7.2	NA	<1	<1	<1	2	2	NA	2	<1	1
1.5 - 3.0	NA	1	<1	<1	1	2	NA	1	<1	1
0.95 - 1.5	NA	1	<1	<1	1	2	NA	1	<1	<1
0 - 0.95	NA	10	1	4	14	33	NA	11	5	50

[1] "Equivalent Aerodynamic Diameter" is defined as the size of a spherical particle of density 1 gm/cc, which has the same terminal settling velocity as the sample particle.

[2] Data not available, sampler problems.

Table 2.1-9. High volume filter, analytical trace element results for Fall 1976, RBOSP.[1]

Parameter	Concentration (ng/m3)	Parameter	Concentration (ng/m3)	Parameter	Concentration (ng/m3)	Parameter	Concentration (ng/m3)
Uranium	0.04	Terbium	<0.01	Ruthenium	<0.03	Vanadium	3.9
Thorium	0.22	Gadolinium	<0.01	Molybdenum	1.3	Titanium	23
Bismuth	0.18	Europium	<0.01	Niobium	0.44	Scandium	0.04
Lead	6.3	Samarium	0.05	Zirconium	1.5	Calcium	≈2400
Thallium	<0.05	Neodymium	0.74	Yttrium	0.31	Potassium	≈1100
Mercury	<0.023	Praseodymium	0.21	Strontium	4.5	Chlorine	4.1
Gold	<0.02	Cerium	1.3	Rubidium	1.9	Sulphur	71
Platinum	<0.05	Lanthanum	0.83	Bromine	<0.01	Phosphorus	110
Iridium	<0.03	Barium	14	Selenium	0.14	Silicon	≈14000
Osmium	<0.04	Cesium	0.10	Arsenic	4.7	Aluminum	770
Rhenium	I.S.	Iodine	<0.01	Germanium	0.03	Magnesium	920
Tungsten	0.07	Tellurium	0.01	Gallium	0.08	Sodium	350
Tantalum	0.04	Antimony	<0.02	Zinc	4.9	Fluorine	81
Hafnium	<0.09	Tin	0.20	Copper	28	Oxygen	NR
Lutecium	<0.02	Indium	I.S.	Nickel	0.39	Nitrogen	NR
Ytterbium	<0.08	Cadmium	0.04	Cobalt	0.06	Carbon	NR
Thullium	<0.01	Silver	0.03	Iron	850	Boron	NR
Erbium	0.01	Palladium	<0.04	Manganese	11	Beryllium	0.01
Holmium	<0.01	Rhodium	<0.01	Chromium	*	Lithium	7.2
Dysprosium	0.05						

[1] Samples are collected on cellulose filters and analyzed by spark source mass spectrometry.

Notes: NR - Not Reported
*Not reported due to blank level.
I.S. - Internal Standard

2.1 AIR QUALITY DATA
(APPENDIX A)

APPENDIX A
2.1 AIR QUALITY DATA
TO
QUARTERLY PROGRESS REPORT
FOR
FEDERAL OIL SHALE TRACT C-a
FALL 1976

Prepared for

The Rio Blanco Oil Shale Project

By

EG&G, Environmental Consultants
9025 East Kenyon Avenue, Suite 201
Denver, Colorado 80237

2.1 AIR QUALITY DATA

APPENDIX A

AIR QUALITY DATA
FALL 1976

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SECTION A.1

AIR QUALITY DATA LISTINGS
FALL 1976

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A.1.1

AIR QUALITY DATA FOR SITE 1
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)
NO_x	Total Nitrogen Oxides Concentration (ppm)
NO	Nitric Oxide Concentration (ppm)
CO	Carbon Monoxide Concentration (ppm)
O_3	Ozone Concentration (ppm)

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
	1	9	76	[illegible]	[illegible]	1.429	1.461	0.001	0.0	0.707	0.030
1	1	9	76	[illegible]	[illegible]	1.422	1.455	0.001	0.0	0.662	0.030
2	1	9	76	[illegible]	[illegible]	1.416	1.451	0.001	0.0	0.691	0.030
3	1	9	76	[illegible]	[illegible]	1.425	1.452	0.001	0.0	0.726	0.030
4	1	9	76	[illegible]	[illegible]	1.419	1.452	0.001	0.0	0.756	0.030
5	1	9	76	[illegible]	[illegible]	1.420	1.449	0.0	0.0	0.733	0.031
6	1	9	76	[illegible]	[illegible]	1.425	1.454	0.0	0.001	0.721	0.030
7	1	9	76	[illegible]	[illegible]	1.436	1.453	0.001	0.001	0.737	0.029
8	1	9	76	[illegible]	[illegible]	1.448	1.452	0.001	0.002	0.732	0.030
9	1	9	76	[illegible]	[illegible]	1.430	1.443	0.001	0.002	0.737	0.030
10	1	9	76	[illegible]	[illegible]	1.419	1.431	0.001	0.002	0.764	0.031
11	1	9	76	[illegible]	[illegible]	1.439	1.427	0.001	0.002	0.755	0.032
12	1	9	76	[illegible]	[illegible]	1.401	1.419	0.001	0.001	0.751	0.032
13	1	9	76	[illegible]	[illegible]	1.398	1.413	0.001	0.001	0.821	0.033
14	1	9	76	[illegible]	[illegible]	1.399	1.415	0.001	0.001	0.837	0.032
15	1	9	76	[illegible]	[illegible]	1.396	1.412	0.001	0.001	0.802	0.032
16	1	9	76	[illegible]	[illegible]	1.389	1.406	0.001	0.001	0.834	0.033
17	1	9	76	[illegible]	[illegible]	1.392	1.410	0.001	0.001	0.860	0.034
18	1	9	76	[illegible]	[illegible]	1.396	1.418	0.0	0.001	0.844	0.034
19	1	9	76	[illegible]	[illegible]	1.4[illegible]3	1.432	0.0	0.001	0.860	0.032
20	1	9	76	[illegible]	[illegible]	1.413	1.445	0.0	0.001	0.878	0.033
21	1	9	76	[illegible]	[illegible]	1.415	1.451	0.0	0.001	0.872	0.036
22	1	9	76	[illegible]	[illegible]	1.415	1.454	0.0	0.001	0.872	0.037
23	1	9	76	[illegible]	[illegible]	1.417	1.455	0.0	0.0	0.893	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	9	76	0.0	0.0	1.422	1.458	0.0	0.0	0.904	0.037
1	2	9	76	0.0	0.0	1.415	1.451	0.0	0.0	0.903	0.036
2	2	9	76	0.0	0.0	1.417	1.455	0.0	0.0	0.933	0.036
3	2	9	76	0.0	0.0	1.421	1.453	0.0	0.0	0.978	0.036
4	2	9	76	0.0	0.0	1.426	1.46[illegible]	0.0	0.0	0.955	0.036
5	2	9	76	0.0	0.0	1.440	1.467	0.0	0.0	0.944	0.036
6	2	9	76	0.0	0.0	1.464	1.477	0.0	0.0	0.939	0.037
7	2	9	76	0.0	0.0	1.437	1.468	0.0	0.001	0.908	0.034
8	2	9	76	0.0	0.0	1.418	1.451	0.0	0.001	0.852	0.033
9	2	9	76	0.0	0.0	1.416	1.441	0.0	0.001	0.882	0.034
10	2	9	76	0.0	0.0	1.416	1.441	0.0	0.001	0.890	0.035
11	2	9	76	0.0	0.0	1.412	1.440	0.0	0.001	0.901	0.035
12	2	9	76	0.0	0.0	1.431	1.449	0.0	0.001	0.910	0.03[illegible]
13	2	9	76	0.0	0.0	1.383	1.42[illegible]	0.0	0.001	0.959	0.034
14	2	9	76	0.0	0.0	1.373	1.408	0.0	0.001	1.026	0.034
15	2	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.078	0.033
16	2	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.087	0.033
17	2	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.121	0.033
18	2	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.203	0.033
19	2	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.191	0.032
20	2	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.084	0.034
21	2	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.040	0.035
22	2	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.051	0.035
23	2	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.042	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.070	0.034
1	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.017	0.034
2	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.020	0.033
3	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.004	0.034
4	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.020	0.034
5	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.023	0.036
6	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.030	0.036
7	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.004	0.035
8	3	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.020	0.034
9	3	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.016	0.033
10	3	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.011	0.035
11	3	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.027	0.033
12	3	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.084	0.033
13	3	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.128	0.033
14	3	9	76	99.000	99.000	99.000	99.000	0.001	0.001	1.154	0.034
15	3	9	76	99.000	99.000	99.000	99.000	0.001	0.001	1.140	0.034
16	3	9	76	0.001	0.001	99.000	99.000	0.001	0.001	1.135	0.034
17	3	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.175	0.034
18	3	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.189	0.033
19	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.174	0.031
20	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.156	0.031
21	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.161	0.033
22	3	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.134	0.032
23	3	9	76	0.0	0.0	99.000	99.000	0.001	0.0	1.136	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.134	0.033
1	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.169	0.031
2	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.193	0.032
3	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.206	0.032
4	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.193	0.032
5	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.202	0.032
6	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.185	0.032
7	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.183	0.032
8	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.159	0.032
9	4	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.163	0.029
1	4	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.166	0.033
11	4	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.226	0.036
12	4	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.264	0.036
13	4	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.178	0.036
14	4	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.205	0.035
15	4	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.165	0.036
16	4	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.170	0.037
17	4	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.159	0.037
18	4	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.177	0.036
19	4	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.155	0.033
2	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.183	0.034
21	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.199	0.035
22	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.196	0.035
23	4	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.178	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	5	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.199	0.036
1	5	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.212	0.036
2	5	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.225	0.036
3	5	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.213	0.035
4	5	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.217	0.033
5	5	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.203	0.033
6	5	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.178	0.033
7	5	9	76	0.0	0.0	99.000	99.000	0.0	0.0	1.149	0.032
8	5	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.104	0.033
9	5	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.105	0.030
10	5	9	76	0.0	0.0	99.000	99.000	0.0	0.001	1.142	0.032
11	5	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.162	0.034
12	5	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.112	0.036
13	5	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.188	0.037
14	5	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.179	0.037
15	5	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.183	0.038
16	5	9	76	0.0	0.0	99.000	99.000	0.001	0.001	1.169	0.038
17	5	9	76	0.0	0.0	1.789	1.841	0.001	0.001	1.166	0.037
18	5	9	76	0.0	0.0	1.826	1.872	0.0	0.001	1.124	0.035
19	5	9	76	0.0	0.0	1.818	1.879	0.0	0.001	1.087	0.035
20	5	9	76	0.0	0.0	1.825	1.891	0.0	0.001	1.047	0.035
21	5	9	76	0.0	0.0	1.822	1.879	0.0	0.001	1.052	0.034
22	5	9	76	0.0	0.0	1.822	1.878	0.0	0.001	1.023	0.036
23	5	9	76	0.0	0.0	1.831	1.878	0.001	0.001	1.019	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	9	76	0.0	0.0	1.843	1.892	0.001	0.001	1.023	0.042
1	6	9	76	0.0	0.0	1.850	1.893	0.001	0.001	0.977	0.042
2	6	9	76	0.0	0.0	1.826	1.873	0.001	0.002	0.936	0.038
3	6	9	76	0.0	0.0	1.794	1.842	0.001	0.002	0.795	0.037
4	6	9	76	0.0	0.0	1.784	1.836	0.002	0.002	0.740	0.036
5	6	9	76	0.0	0.0	1.791	1.845	0.001	0.002	0.761	0.036
6	6	9	76	0.0	0.0	1.783	1.836	0.001	0.002	0.759	0.035
7	6	9	76	0.0	0.0	1.782	1.833	0.001	0.002	0.780	0.035
8	6	9	76	0.0	0.0	1.787	1.829	0.001	0.002	0.720	0.034
9	6	9	76	0.0	0.0	1.796	1.834	0.001	0.002	0.734	0.035
10	6	9	76	0.0	0.0	1.791	1.831	0.002	0.002	0.731	0.035
11	6	9	76	0.0	0.0	1.770	1.821	0.002	0.002	0.664	0.035
12	6	9	76	0.0	0.0	1.766	1.813	0.002	0.002	0.637	0.035
13	6	9	76	0.0	0.0	1.760	1.808	0.002	0.002	0.623	0.036
14	6	9	76	0.0	0.0	1.741	1.789	0.002	0.002	0.584	0.035
15	6	9	76	0.0	0.0	1.738	1.791	0.002	0.002	0.660	0.036
16	6	9	76	0.0	0.0	1.752	1.789	0.002	0.002	0.603	0.038
17	6	9	76	0.0	0.0	1.745	1.788	0.002	0.002	0.638	0.038
18	6	9	76	0.0	0.0	1.743	1.787	0.002	0.002	0.569	0.036
19	6	9	76	0.0	0.0	1.726	1.773	0.002	0.003	0.526	0.033
20	6	9	76	0.0	0.0	1.728	1.777	0.002	0.003	0.475	0.033
21	6	9	76	0.0	0.0	1.726	1.773	0.002	0.003	0.509	0.032
22	6	9	76	0.0	0.0	1.733	1.785	0.002	0.003	0.500	0.030
23	6	9	76	0.0	0.0	1.737	1.784	0.002	0.002	0.496	0.029

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
	7	9	76	0.0	0.0	1.744	1.796	0.002	0.002	0.508	0.031
1	7	9	76	0.0	0.0	1.762	1.842	0.002	0.002	0.498	0.029
2	7	9	76	0.0	0.0	1.765	1.847	0.002	0.002	0.475	0.027
3	7	9	76	0.0	0.0	1.751	1.836	0.002	0.003	0.478	0.023
4	7	9	76	0.0	0.0	1.749	1.844	0.002	0.002	0.503	0.027
5	7	9	76	0.0	0.0	1.730	1.821	0.002	0.002	0.483	0.023
6	7	9	76	0.0	0.0	1.741	1.828	0.002	0.002	0.541	0.020
7	7	9	76	0.0	0.0	1.737	1.822	0.002	0.002	0.546	0.030
8	7	9	76	0.0	0.0	1.735	1.816	0.002	0.002	0.602	0.036
9	7	9	76	0.0	0.0	1.734	1.802	0.002	0.002	0.594	0.036
10	7	9	76	0.0	0.0	1.753	1.806	0.002	0.002	0.606	0.034
11	7	9	76	0.0	0.0	1.755	1.804	0.002	0.002	0.646	0.035
12	7	9	76	0.0	0.0	1.742	1.795	0.002	0.002	0.683	0.037
13	7	9	76	0.0	0.0	1.730	1.782	0.001	0.002	0.766	0.038
14	7	9	76	0.0	0.0	1.731	1.785	0.001	0.002	0.739	0.038
15	7	9	76	0.0	0.0	1.732	1.786	0.001	0.002	0.696	0.036
16	7	9	76	0.0	0.0	1.733	1.789	0.001	0.002	0.681	0.035
17	7	9	76	0.0	0.0	1.756	1.800	0.001	0.002	0.645	0.036
18	7	9	76	0.0	0.0	1.746	1.802	0.001	0.002	0.675	0.034
19	7	9	76	0.0	0.001	1.743	1.799	0.001	0.002	0.702	0.034
20	7	9	76	0.0	0.001	1.752	1.804	0.001	0.002	0.706	0.032
21	7	9	76	0.0	0.001	1.739	1.799	0.001	0.002	0.729	0.027
22	7	9	76	0.0	0.001	1.740	1.799	0.001	0.002	0.719	0.027
23	7	9	76	0.0	0.001	1.734	1.804	0.001	0.002	0.744	0.030

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	9	76	0.0	0.001	1.738	1.820	0.001	0.002	0.707	0.030
1	8	9	76	0.0	0.001	1.743	1.840	0.001	0.001	0.765	0.032
2	8	9	76	0.0	0.001	1.760	1.852	0.001	0.001	0.752	0.033
3	8	9	76	0.0	0.001	1.751	1.844	0.001	0.001	0.762	0.032
4	8	9	76	0.0	0.001	1.749	1.845	0.001	0.001	0.773	0.031
5	8	9	76	0.0	0.001	1.744	1.843	0.001	0.001	0.755	0.028
6	8	9	76	0.0	0.001	1.747	1.848	0.001	0.001	0.758	0.027
7	8	9	76	0.0	0.001	1.759	1.863	0.0	0.001	0.870	0.029
8	8	9	76	0.0	0.001	1.765	1.865	0.0	0.001	0.967	0.034
9	8	9	76	0.0	0.001	1.763	1.845	0.0	0.001	1.037	0.037
10	8	9	76	0.0	0.001	1.756	1.823	0.0	0.001	1.093	0.038
11	8	9	76	0.0	0.001	1.752	1.815	0.0	0.001	1.093	0.038
12	8	9	76	0.0	0.0	1.756	1.812	0.0	0.001	1.064	0.038
13	8	9	76	0.0	0.0	1.743	1.804	0.0	0.001	1.072	0.037
14	8	9	76	0.0	0.0	1.728	1.801	0.0	0.001	1.078	0.037
15	8	9	76	0.0	0.0	1.724	1.796	0.0	0.001	1.043	0.037
16	8	9	76	0.0	0.0	1.721	1.797	0.0	0.0	1.097	0.037
17	8	9	76	0.0	0.0	1.734	1.801	0.0	0.0	1.167	0.037
18	8	9	76	0.0	0.0	1.746	1.811	0.0	0.0	1.196	0.036
19	8	9	76	0.0	0.0	1.760	1.832	0.0	0.0	1.174	0.035
20	8	9	76	0.0	0.001	1.761	1.858	0.0	0.0	1.158	0.034
21	8	9	76	0.0	0.001	1.769	1.872	0.0	0.0	1.145	0.035
22	8	9	76	0.0	0.001	1.771	1.878	0.0	0.0	1.144	0.036
23	8	9	76	0.0	0.001	1.772	1.878	0.0	0.0	1.160	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	9	76	0.0	0.001	1.772	1.884	0.0	0.0	1.156	0.035
1	9	9	76	0.0	0.0	1.774	1.884	0.0	0.0	1.152	0.034
2	9	9	76	0.0	0.001	1.779	1.881	0.0	0.0	1.205	0.035
3	9	9	76	0.0	0.0	1.784	1.883	0.0	0.0	1.181	0.034
4	9	9	76	0.0	0.001	1.781	1.883	0.0	0.0	1.153	0.034
5	9	9	76	0.0	0.001	1.789	1.888	0.0	0.0	1.151	0.034
6	9	9	76	0.0	0.001	1.794	1.895	0.0	0.0	1.156	0.034
7	9	9	76	0.0	0.001	1.801	1.902	0.0	0.0	1.165	0.033
8	9	9	76	0.0	0.0	1.792	1.883	0.0	0.0	1.158	0.035
9	9	9	76	0.0	0.001	1.783	1.856	0.0	0.0	1.160	0.035
10	9	9	76	0.0	0.0	1.779	1.838	0.0	0.0	1.155	0.036
11	9	9	76	0.0	0.0	1.767	1.831	0.0	0.0	1.180	0.040
12	9	9	76	0.0	0.001	1.754	1.825	0.0	0.0	1.171	0.040
13	9	9	76	0.0	0.0	1.749	1.828	0.0	0.001	1.118	0.038
14	9	9	76	0.0	0.0	1.731	1.818	0.0	0.001	1.114	0.037
15	9	9	76	0.0	0.0	1.717	1.804	0.0	0.001	1.123	0.036
16	9	9	76	0.0	0.0	1.711	1.807	0.0	0.001	1.106	0.037
17	9	9	76	0.0	0.0	1.729	1.823	0.0	0.001	1.110	0.037
18	9	9	76	0.0	0.0	1.777	1.850	0.0	0.001	1.057	0.038
19	9	9	76	0.0	0.0	1.798	1.870	0.0	0.001	1.001	0.036
20	9	9	76	0.0	0.0	1.815	1.877	0.0	0.001	1.017	0.036
21	9	9	76	0.0	0.0	1.763	1.861	0.0	0.001	1.003	0.036
22	9	9	76	0.0	0.001	1.748	1.851	0.0	0.001	1.049	0.037
23	9	9	76	0.0	0.001	1.745	1.851	0.0	0.001	1.029	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	1[illegible]	9	76	0.0	0.0	1.749	1.847	0.001	0.001	0.888	0.037
1	1[illegible]	9	76	0.0	0.001	1.742	1.839	0.001	0.002	0.784	0.036
2	1[illegible]	9	76	0.0	0.0	1.734	1.831	0.001	0.002	0.749	0.035
3	1[illegible]	9	76	0.0	0.0	1.735	1.832	0.001	0.002	0.766	0.036
4	1[illegible]	9	76	0.0	0.0	1.735	1.833	0.001	0.002	0.760	0.037
5	1[illegible]	9	76	0.0	0.0	1.734	1.830	0.001	0.002	0.751	0.036
6	1[illegible]	9	76	0.0	0.0	1.733	1.828	0.001	0.002	0.748	0.035
7	1[illegible]	9	76	[illegible]	0.0	1.729	1.826	0.001	0.002	0.711	0.036
8	1[illegible]	9	76	0.0	0.0	1.718	1.811	0.001	0.002	0.676	0.036
9	1[illegible]	9	76	0.0	0.0	1.723	1.810	0.001	0.002	0.702	0.036
10	1[illegible]	9	76	[illegible]	0.0	1.727	1.812	0.001	0.002	0.687	0.036
11	1[illegible]	9	76	0.0	0.0	1.729	1.806	0.001	0.002	0.690	0.037
12	1[illegible]	9	76	0.0	0.0	1.726	1.803	0.001	0.002	0.664	0.036
13	1[illegible]	9	76	0.0	0.0	1.715	1.804	0.001	0.002	0.597	0.036
14	1[illegible]	9	76	0.0	0.0	1.713	1.795	0.001	0.002	0.616	0.035
15	1[illegible]	9	76	[illegible]	0.0	1.712	1.798	0.001	0.002	0.612	0.034
16	1[illegible]	9	76	0.0	0.0	1.714	1.791	0.002	0.002	0.577	0.034
17	1[illegible]	9	76	0.0	0.0	1.716	1.781	0.002	0.002	0.585	0.034
18	1[illegible]	9	76	0.0	0.0	1.710	1.794	0.002	0.002	0.550	0.033
19	1[illegible]	9	76	0.0	0.0	1.710	1.802	0.001	0.002	0.566	0.032
20	1[illegible]	9	76	0.0	0.001	1.709	1.813	0.001	0.002	0.576	0.032
21	1[illegible]	9	76	0.0	0.001	1.715	1.795	0.001	0.002	0.578	0.031
22	1[illegible]	9	76	0.0	0.0	1.708	1.801	0.001	0.002	0.569	0.031
23	1[illegible]	9	76	0.0	0.0	1.730	1.809	0.001	0.002	0.555	0.030

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	9	76	0.0	0.0	1.739	1.812	0.002	0.002	0.543	0.029
1	11	9	76	0.0	0.001	1.741	1.811	0.001	0.002	0.533	0.029
2	11	9	76	0.0	0.0	1.722	1.812	0.002	0.002	0.499	0.030
3	11	9	76	0.0	0.0	1.733	1.806	0.002	0.002	0.467	0.029
4	11	9	76	0.0	0.0	1.710	1.797	0.002	0.002	0.534	0.028
5	11	9	76	0.0	0.0	1.713	1.793	0.001	0.002	0.521	0.028
6	11	9	76	0.0	0.001	1.704	1.789	0.001	0.002	0.538	0.027
7	11	9	76	0.0	0.0	1.700	1.782	0.002	0.002	0.514	0.027
8	11	9	76	0.0	0.0	1.694	1.767	0.002	0.002	0.514	0.028
9	11	9	76	0.0	0.0	1.679	1.746	0.001	0.002	0.578	0.028
10	11	9	76	0.0	0.0	1.670	1.744	0.002	0.002	0.627	0.029
11	11	9	76	0.0	0.0	1.664	1.741	0.001	0.002	0.591	0.029
12	11	9	76	0.0	0.0	1.655	1.743	0.001	0.002	0.588	0.030
13	11	9	76	0.0	0.0	1.651	1.745	0.001	0.002	0.724	0.030
14	11	9	76	0.0	0.0	1.658	1.755	0.001	0.001	0.728	0.031
15	11	9	76	0.0	0.0	1.653	1.744	0.001	0.002	0.700	0.031
16	11	9	76	0.0	0.0	1.667	1.760	0.001	0.002	0.629	0.030
17	11	9	76	0.0	0.0	1.670	1.763	0.001	0.002	0.495	0.028
18	11	9	76	0.0	0.0	1.682	1.765	0.001	0.002	0.483	0.027
19	11	9	76	0.0	0.0	1.674	1.769	0.001	0.002	0.504	0.022
20	11	9	76	0.0	0.0	1.659	1.761	0.001	0.002	0.515	0.022
21	11	9	76	0.0	0.0	1.659	1.738	0.001	0.002	0.601	0.021
22	11	9	76	0.0	0.0	1.653	1.740	0.001	0.002	0.563	0.021
23	11	9	76	0.0	0.0	1.651	1.750	0.001	0.002	0.563	0.022

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	12	9	76	0.0	0.0	1.656	1.751	0.001	0.002	0.552	0.026
1	12	9	76	0.0	0.0	1.656	1.764	0.001	0.002	0.486	0.024
2	12	9	76	0.0	0.0	1.649	1.755	0.001	0.002	0.493	0.024
3	12	9	76	0.0	0.0	1.645	1.753	0.001	0.002	0.547	0.024
4	12	9	76	0.0	0.0	1.640	1.741	0.001	0.002	0.579	0.027
5	12	9	76	0.0	0.0	1.635	1.744	0.001	0.002	0.616	0.027
6	12	9	76	0.0	0.0	1.641	1.742	0.001	0.002	0.603	0.024
7	12	9	76	0.0	0.0	1.655	1.760	0.001	0.002	0.616	0.026
8	12	9	76	0.0	0.0	1.648	1.754	0.001	0.002	0.553	0.028
9	12	9	76	0.0	0.0	1.643	1.745	0.001	0.002	0.562	0.030
10	12	9	76	0.0	0.0	1.635	1.731	0.001	0.002	0.592	0.032
11	12	9	76	0.0	0.0	1.634	1.737	0.001	0.002	0.667	0.034
12	12	9	76	0.0	0.0	1.645	1.741	0.001	0.002	0.612	0.034
13	12	9	76	0.0	0.0	1.641	1.750	0.001	0.001	0.675	0.034
14	12	9	76	0.0	0.0	1.652	1.755	0.001	0.001	0.734	0.035
15	12	9	76	0.0	0.0	1.656	1.768	0.001	0.001	0.740	0.035
16	12	9	76	0.0	0.0	1.666	1.773	0.001	0.001	0.779	0.033
17	12	9	76	0.0	0.0	1.678	1.778	0.001	0.001	0.694	0.034
18	12	9	76	0.0	0.0	1.676	1.783	0.001	0.001	0.724	0.032
19	12	9	76	0.0	0.0	1.684	1.791	0.001	0.001	0.735	0.029
20	12	9	76	0.0	0.0	1.682	1.797	0.001	0.001	0.716	0.029
21	12	9	76	0.0	0.0	1.684	1.793	0.001	0.001	0.724	0.030
22	12	9	76	0.0	0.0	1.683	1.800	0.001	0.001	0.754	0.031
23	12	9	76	0.0	0.0	1.683	1.788	0.001	0.001	0.784	0.031

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	13	9	76	0.0	0.0	1.677	1.783	0.001	0.001	0.792	0.032
1	13	9	76	0.0	0.0	1.680	1.794	0.001	0.001	0.826	0.032
2	13	9	76	0.0	0.0	1.681	1.793	0.001	0.001	0.776	0.030
3	13	9	76	0.0	0.0	1.707	1.825	0.001	0.001	0.716	0.029
4	13	9	76	0.0	0.0	1.735	1.849	0.001	0.002	0.682	0.029
5	13	9	76	0.0	0.0	1.710	1.825	0.001	0.002	0.698	0.030
6	13	9	76	0.0	0.0	1.687	1.797	0.001	0.002	0.659	0.031
7	13	9	76	0.0	0.0	1.685	1.796	0.001	0.002	0.641	0.030
8	13	9	76	0.0	0.0	1.692	1.803	0.001	0.002	0.623	0.027
9	13	9	76	0.0	0.0	1.692	1.795	0.001	0.002	0.667	0.029
10	13	9	76	0.0	0.0	1.686	1.755	0.001	0.002	0.735	0.031
11	13	9	76	0.0	0.0	1.676	1.732	0.001	0.002	0.781	0.032
12	13	9	76	0.0	0.0	1.667	1.715	0.001	0.002	0.827	0.032
13	13	9	76	0.0	0.0	1.662	1.724	0.001	0.002	0.818	0.032
14	13	9	76	0.0	0.0	1.664	1.731	0.001	0.002	0.828	0.031
15	13	9	76	0.0	0.0	1.663	1.731	0.001	0.002	0.806	0.031
16	13	9	76	0.0	0.0	1.663	1.767	0.001	0.002	0.861	0.032
17	13	9	76	0.0	0.0	1.691	1.765	0.001	0.002	0.863	0.033
18	13	9	76	0.0	0.0	1.766	1.840	0.001	0.002	0.840	0.034
19	13	9	76	0.0	0.0	1.746	1.833	0.001	0.002	0.798	0.032
20	13	9	76	0.0	0.0	1.727	1.82[illegible]	0.001	0.001	0.753	0.030
21	13	9	76	0.0	0.0	1.691	1.798	0.001	0.001	0.728	0.032
22	13	9	76	0.0	0.0	1.676	1.785	0.001	0.001	0.747	0.032
23	13	9	76	[illegible]	0.001	1.678	1.784	0.001	0.001	0.784	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	14	9	76	0.0	0.001	1.673	1.773	0.001	0.001	0.0	0.032
1	14	9	76	0.0	0.0	1.677	1.791	0.001	0.001	0.710	0.032
2	14	9	76	0.0	0.0	1.671	1.788	0.001	0.002	0.669	0.032
3	14	9	76	0.0	0.001	1.670	1.781	0.001	0.002	0.696	0.031
4	14	9	76	0.0	0.001	1.672	1.783	0.001	0.002	0.638	0.027
5	14	9	76	0.0	0.0	1.678	1.760	0.001	0.002	0.656	0.024
6	14	9	76	0.0	0.0	1.687	1.796	0.001	0.002	0.656	0.026
7	14	9	76	0.0	0.0	1.689	1.790	0.001	0.002	0.634	0.028
8	14	9	76	0.0	0.0	1.687	1.787	0.001	0.002	0.599	0.028
9	14	9	76	0.0	0.0	1.712	1.803	0.001	0.002	0.575	0.027
10	14	9	76	0.0	0.0	1.723	1.819	0.001	0.002	0.534	0.027
11	14	9	76	0.0	0.0	1.700	1.801	0.001	0.002	0.575	0.027
12	14	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.538	0.030
13	14	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.500	0.033
14	14	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.520	0.035
15	14	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.484	0.034
16	14	9	76	99.000	99.000	99.000	99.000	0.001	0.002	0.482	0.035
17	14	9	76	99.000	99.000	99.000	99.000	0.001	0.002	0.595	0.042
18	14	9	76	99.000	99.000	99.000	99.000	0.001	0.002	0.604	0.042
19	14	9	76	99.000	99.000	99.000	99.000	0.001	0.002	0.517	0.033
20	14	9	76	99.000	99.000	99.000	99.000	0.001	0.002	0.444	0.033
21	14	9	76	99.000	99.000	99.000	99.000	0.001	0.002	0.422	0.034
22	14	9	76	99.000	99.000	99.000	99.000	0.001	0.002	0.396	0.035
23	14	9	76	99.000	99.000	99.000	99.000	0.001	0.002	0.435	0.036

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                      RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                 AIR  QUALITY  DATA
HR DY MO YR     SO2     H2S     THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++   +-------------------------------------------------------------+

 0 15  9 76   99.000  99.000  99.000  99.000   0.001   0.002   0.427   0.036

 1 15  9 76   99.000  99.000  99.000  99.000   0.001   0.002   0.485   0.036

 2 15  9 76   99.000  99.000  99.000  99.000   0.001   0.002   0.520   0.031

 3 15  9 76   99.000  99.000  99.000  99.000   0.001   0.002   0.513   0.029

 4 15  9 76   99.000  99.000  99.000  99.000   0.001   0.001   0.561   0.031

 5 15  9 76   99.000  99.000  99.000  99.000   0.001   0.001   0.633   0.031

 6 15  9 76   99.000  99.000  99.000  99.000   0.001   0.001   0.616   0.032

 7 15  9 76   99.000  99.000  99.000  99.000   0.0     0.001   0.637   0.032

 8 15  9 76   99.000  99.000  99.000  99.000   0.001   0.001   0.605   0.031

 9 15  9 76   99.000  99.000  99.000  99.000   0.001   0.002   0.600   0.030

10 15  9 76   99.000  99.000  99.000  99.000   0.001   0.001   0.628   0.032

11 15  9 76   99.000  99.000  99.000  99.000   0.0     0.001   0.685   0.033

12 15  9 76   99.000  99.000  99.000  99.000   0.001   0.002   0.597   0.030

13 15  9 76   99.000  99.000  99.000  99.000   0.001   0.001   0.625   0.032

14 15  9 76   99.000  99.000  99.000  99.000   0.001   0.001   0.734   0.036

15 15  9 76   99.000  99.000  99.000  99.000   0.001   0.001   0.728   0.036

16 15  9 76   99.000  99.000  99.000  99.000  99.000  99.000  99.000  99.000

17 15  9 76   99.000  99.000  99.000  99.000  99.000  99.000  99.000  99.000

18 15  9 76   99.000  99.000  99.000  99.000  99.000  99.000  99.000  99.000

19 15  9 76   99.000  99.000  99.000  99.000  99.000  99.000  99.000  99.000

20 15  9 76   99.000  99.000  99.000  99.000  99.000  99.000  99.000  99.000

21 15  9 76   99.000  99.000  99.000  99.000  99.000  99.000  99.000  99.000

22 15  9 76   99.000  99.000  99.000  99.000  99.000  99.000  99.000  99.000

23 15  9 76   99.000  99.000  99.000  99.000  99.000  99.000  99.000  99.000
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                          RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                   AIR  QUALITY  DATA
HR DY MO YR        SO2      H2S       THC     CH4        NOX     NO        CO       O3
++ ++ ++ ++      +-----------------------------------------------------------------------

 0 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

 1 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

 2 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

 3 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

 4 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

 5 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

 6 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

 7 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

 8 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

 9 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

10 16  9 76      99.000   99.000    99.000  99.000    99.000  99.000    99.000  99.000

11 16  9 76       0.0       0.0      1.829   1.882     0.001   0.002     0.805   0.034

12 16  9 76       0.0       0.0      1.825   1.891     0.001   0.002     0.738   0.034

13 16  9 76       0.0       0.001    1.823   1.902     0.001   0.002     0.728   0.034

14 16  9 76       0.0       0.0      1.808   1.884     0.001   0.002     0.796   0.034

15 16  9 76       0.0       0.001    1.767   1.878     0.001   0.002     0.757   0.034

16 16  9 76       0.0       0.0      1.768   1.888     0.001   0.002     0.769   0.034

17 16  9 76       0.0       0.0      1.777   1.918     0.001   0.001     0.740   0.034

18 16  9 76       0.0       0.0      1.776   1.904     0.001   0.001     0.734   0.034

19 16  9 76       0.0       0.001    1.785   1.898     0.001   0.001     0.733   0.033

20 16  9 76       0.0       0.001    1.776   1.887     0.001   0.001     0.684   0.032

21 16  9 76       0.0       0.001    1.770   1.880     0.001   0.001     0.724   0.033

22 16  9 76       0.0       0.001    1.786   1.884     0.001   0.001     0.739   0.033

23 16  9 76       0.0       0.001    1.791   1.877     0.001   0.001     0.767   0.032
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	17	9	76	0.0	0.001	1.773	1.872	0.001	0.001	0.772	0.032
1	17	9	76	0.0	0.001	1.759	1.872	0.0	0.001	0.756	0.032
2	17	9	76	0.0	0.001	1.778	1.876	0.0	0.001	0.805	0.031
3	17	9	76	0.0	0.001	1.765	1.861	0.0	0.001	0.803	0.031
4	17	9	76	0.0	0.001	1.761	1.863	0.001	0.001	0.754	0.030
5	17	9	76	0.0	0.001	1.767	1.872	0.001	0.001	0.748	0.029
6	17	9	76	0.0	0.001	1.800	1.869	0.001	0.001	0.767	0.028
7	17	9	76	0.0	0.001	1.784	1.868	0.001	0.001	0.768	0.028
8	17	9	76	0.0	0.001	1.780	1.871	0.001	0.002	0.738	0.029
9	17	9	76	0.0	0.001	1.777	1.863	0.001	0.002	0.740	0.030
10	17	9	76	0.0	0.001	99.000	99.000	0.001	0.001	0.720	0.031
11	17	9	76	0.0	0.001	99.000	99.000	0.001	0.001	0.917	0.032
12	17	9	76	0.0	0.001	99.000	99.000	0.001	0.001	0.884	0.032
13	17	9	76	0.002	0.003	99.000	99.000	0.012	0.012	0.912	0.032
14	17	9	76	99.000	99.000	1.721	1.773	99.000	99.000	0.861	0.034
15	17	9	76	0.0	0.001	1.719	1.786	0.004	0.004	0.890	0.034
16	17	9	76	0.0	0.001	1.725	1.789	0.003	0.003	0.916	0.035
17	17	9	76	0.0	0.0	1.729	1.788	0.002	0.003	0.954	0.035
18	17	9	76	0.0	0.001	1.736	1.794	0.002	0.002	0.913	0.034
19	17	9	76	0.0	0.001	1.742	1.784	0.002	0.002	0.908	0.032
20	17	9	76	0.0	0.001	1.759	1.790	0.001	0.002	0.957	0.030
21	17	9	76	0.0	0.001	1.753	1.785	0.001	0.002	0.878	0.030
22	17	9	76	0.0	0.001	1.743	1.792	0.001	0.002	0.877	0.031
23	17	9	76	0.0	0.001	1.744	1.802	0.001	0.002	0.861	0.030

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	18	9	76	0.0	0.001	1.744	1.821	0.001	0.002	0.930	0.031
1	18	9	76	0.0	0.001	1.743	1.820	0.001	0.001	0.976	0.031
2	18	9	76	0.0	0.001	1.771	1.836	0.001	0.001	0.998	0.032
3	18	9	76	0.0	0.001	1.765	1.835	0.001	0.002	0.962	0.033
4	18	9	76	0.0	0.001	1.756	1.842	0.001	0.002	0.897	0.033
5	18	9	76	0.0	0.001	1.746	1.835	0.001	0.002	0.891	0.033
6	18	9	76	0.0	0.001	1.748	1.832	0.001	0.002	0.902	0.032
7	18	9	76	0.0	0.001	1.765	1.845	0.001	0.002	0.879	0.029
8	18	9	76	0.0	0.001	1.780	1.843	0.001	0.002	0.888	0.031
9	18	9	76	0.0	0.001	1.752	1.831	0.001	0.002	0.961	0.031
10	18	9	76	0.0	0.001	1.751	1.834	0.001	0.002	0.960	0.031
11	18	9	76	0.0	0.001	1.741	1.830	0.001	0.002	0.938	0.033
12	18	9	76	0.0	0.001	1.732	1.818	0.001	0.002	0.994	0.034
13	18	9	76	0.0	0.001	1.732	1.830	0.001	0.001	1.014	0.037
14	18	9	76	0.0	0.001	1.732	1.832	0.001	0.001	1.051	0.038
15	18	9	76	0.0	0.001	1.727	1.835	0.001	0.001	1.103	0.038
16	18	9	76	0.0	0.001	1.723	1.841	0.001	0.001	1.118	0.038
17	18	9	76	0.0	0.001	1.722	1.849	0.0	0.001	1.187	0.038
18	18	9	76	0.0	0.001	1.730	1.860	0.0	0.001	1.195	0.038
19	18	9	76	0.0	0.001	1.743	1.859	0.0	0.001	1.198	0.035
20	18	9	76	0.0	0.001	1.761	1.863	0.0	0.001	1.168	0.037
21	18	9	76	0.0	0.001	1.770	1.873	0.0	0.001	1.184	0.037
22	18	9	76	0.0	0.001	1.786	1.880	0.0	0.001	1.137	0.037
23	18	9	76	0.0	0.001	1.774	1.896	0.001	0.001	1.036	0.038

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	19	9	76	0.0	0.001	1.782	1.902	0.001	0.001	0.979	0.038
1	19	9	76	0.0	0.001	1.766	1.906	0.001	0.002	0.954	0.038
2	19	9	76	0.0	0.001	1.765	1.915	0.001	0.002	0.999	0.038
3	19	9	76	0.0	0.001	1.773	1.909	0.001	0.002	1.040	0.037
4	19	9	76	0.0	0.001	1.777	1.912	0.001	0.002	1.063	0.037
5	19	9	76	0.0	0.001	1.818	1.913	0.001	0.002	1.013	0.035
6	19	9	76	0.0	0.001	1.836	1.933	0.001	0.002	0.942	0.032
7	19	9	76	0.0	0.001	1.845	1.944	0.001	0.002	0.888	0.029
8	19	9	76	0.0	0.001	1.870	1.957	0.002	0.002	0.847	0.028
9	19	9	76	0.0	0.001	1.881	1.947	0.002	0.002	0.855	0.029
10	19	9	76	0.0	0.001	1.866	1.930	0.002	0.002	0.869	0.030
11	19	9	76	0.0	0.001	1.850	1.922	0.002	0.002	0.874	0.032
12	19	9	76	0.0	0.001	1.832	1.929	0.002	0.002	0.889	0.032
13	19	9	76	0.0	0.001	1.795	1.912	0.001	0.002	0.895	0.034
14	19	9	76	0.0	0.001	1.791	1.884	0.001	0.002	0.979	0.037
15	19	9	76	0.0	0.001	1.790	1.896	0.001	0.001	0.992	0.037
16	19	9	76	0.0	0.001	1.761	1.908	0.001	0.001	0.962	0.038
17	19	9	76	0.0	0.001	1.778	1.895	0.0	0.001	0.971	0.038
18	19	9	76	0.0	0.001	1.771	1.889	0.0	0.001	1.031	0.035
19	19	9	76	0.0	0.001	1.775	1.908	0.0	0.001	1.045	0.033
20	19	9	76	0.0	0.001	1.779	1.911	0.0	0.001	0.993	0.033
21	19	9	76	0.0	0.001	1.789	1.918	0.001	0.001	0.895	0.032
22	19	9	76	0.0	0.001	1.792	1.926	0.001	0.002	0.893	0.032
23	19	9	76	0.0	0.001	1.800	1.929	0.001	0.002	0.871	0.031

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	9	76	0.00	0.001	1.802	1.929	0.001	0.002	0.837	0.030
1	2	9	76	0.00	0.001	1.808	1.940	0.001	0.002	0.853	0.027
2	2	9	76	0.00	0.001	1.853	1.989	0.001	0.002	0.843	0.025
3	2	9	76	0.00	0.001	1.856	1.985	0.001	0.002	0.824	0.021
4	2	9	76	0.00	0.001	1.848	1.985	0.001	0.002	0.852	0.019
5	2	9	76	0.00	0.001	1.842	1.984	0.001	0.002	0.861	0.017
6	2	9	76	0.00	0.001	1.859	1.992	0.001	0.002	0.882	0.016
7	2	9	76	0.00	0.001	1.852	1.994	0.001	0.002	0.817	0.017
8	2	9	76	0.00	0.001	1.870	1.996	0.001	0.002	0.770	0.020
9	2	9	76	0.00	0.001	1.866	1.983	0.002	0.002	0.763	0.024
10	2	9	76	0.00	0.001	1.846	1.972	0.002	0.002	0.806	0.027
11	2	9	76	0.00	0.001	1.834	1.962	0.002	0.002	0.805	0.028
12	2	9	76	0.00	0.001	1.821	1.962	0.002	0.002	0.839	0.030
13	2	9	76	0.00	0.001	1.804	1.950	0.001	0.002	0.824	0.031
14	2	9	76	0.00	0.001	1.785	1.940	0.001	0.002	0.923	0.032
15	2	9	76	0.00	0.001	99.000	99.000	0.001	0.002	0.977	0.033
16	2	9	76	0.00	0.001	99.000	99.000	0.001	0.001	0.973	0.034
17	2	9	76	0.00	0.001	1.738	1.948	0.0	0.001	1.028	0.035
18	25	9	76	0.00	0.001	1.759	1.935	0.0	0.001	1.154	0.034
19	2	9	76	0.00	0.001	1.765	1.934	0.0	0.001	1.190	0.033
20	2	9	76	0.00	0.001	1.755	1.935	0.0	0.001	1.155	0.034
21	2	9	76	0.00	0.001	1.746	1.943	0.0	0.001	1.152	0.034
22	2	9	76	0.00	0.001	1.738	1.950	0.0	0.001	1.126	0.035
23	2	9	76	0.00	0.001	1.732	1.956	0.0	0.001	1.119	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	9	76	0.0	0.001	1.734	1.959	0.0	0.001	1.150	0.035
1	21	9	76	0.0	0.001	1.744	1.968	0.0	0.001	1.161	0.035
2	21	9	76	0.0	0.001	1.751	1.980	0.0	0.001	1.133	0.037
3	21	9	76	0.0	0.001	1.760	1.984	0.0	0.001	1.101	0.037
4	21	9	76	0.0	0.001	1.749	1.980	0.0	0.001	1.121	0.035
5	21	9	76	0.0	0.001	1.743	1.982	0.0	0.001	1.079	0.035
6	21	9	76	0.0	0.001	1.746	1.998	0.0	0.001	1.119	0.037
7	21	9	76	0.0	0.001	1.758	2.000	0.0	0.001	1.111	0.035
8	21	9	76	0.0	0.001	1.784	1.994	0.0	0.001	1.130	0.033
9	21	9	76	0.0	0.001	1.797	2.006	0.0	0.001	1.172	0.032
10	21	9	76	0.0	0.001	1.857	1.975	0.001	0.001	1.187	0.033
11	21	9	76	0.0	0.001	1.763	1.963	0.001	0.001	1.121	0.034
12	21	9	76	0.0	0.001	1.744	1.957	0.001	0.001	1.153	0.036
13	21	9	76	0.0	0.001	1.722	1.953	0.001	0.001	1.155	0.039
14	21	9	76	0.0	0.001	1.733	1.964	0.001	0.001	1.156	0.039
15	21	9	76	0.0	0.001	1.755	1.977	0.0	0.001	1.147	0.039
16	21	9	76	0.0	0.001	1.773	1.999	0.0	0.001	1.047	0.039
17	21	9	76	0.0	0.001	1.770	1.999	0.001	0.001	1.084	0.037
18	21	9	76	0.0	0.001	1.743	1.988	0.001	0.001	0.965	0.036
19	21	9	76	0.0	0.001	1.710	1.961	0.001	0.001	0.897	0.031
20	21	9	76	0.0	0.001	1.7[illegible]5	1.955	0.001	0.002	0.890	0.031
21	21	9	76	0.0	0.001	1.715	1.965	0.001	0.002	0.858	0.032
22	21	9	76	0.0	0.001	1.711	1.956	0.001	0.002	0.807	0.031
23	21	9	76	0.0	0.001	1.712	1.969	0.001	0.002	0.801	0.030

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	22	9	76	0.0	0.001	1.706	1.972	0.002	0.002	0.696	0.029
1	22	9	76	0.0	0.001	1.707	1.981	0.002	0.002	0.694	0.027
2	22	9	76	0.0	0.001	1.693	1.982	0.002	0.002	0.716	0.025
3	22	9	76	0.0	0.001	1.693	1.972	0.001	0.002	0.744	0.026
4	22	9	76	0.0	0.001	1.711	1.977	0.001	0.002	0.782	0.025
5	22	9	76	0.0	0.001	1.707	1.976	0.001	0.002	0.728	0.027
6	22	9	76	0.0	0.001	1.709	1.977	0.002	0.002	0.755	0.025
7	22	9	76	0.0	0.001	1.703	1.983	0.002	0.002	0.767	0.024
8	22	9	76	0.0	0.001	1.703	1.980	0.002	0.002	0.722	0.025
9	22	9	76	0.0	0.001	1.701	1.978	0.002	0.002	0.707	0.026
10	22	9	76	0.0	0.001	1.697	1.977	0.002	0.002	0.730	0.026
11	22	9	76	0.0	0.001	1.700	1.981	0.002	0.002	0.717	0.027
12	22	9	76	0.0	0.0	1.703	1.976	0.002	0.002	0.742	0.029
13	22	9	76	0.0	0.001	1.691	1.976	0.002	0.002	0.804	0.029
14	22	9	76	0.0	0.001	1.685	1.965	0.001	0.002	0.835	0.029
15	22	9	76	0.0	0.0	1.689	1.971	0.001	0.002	0.835	0.029
16	22	9	76	0.0	0.0	99.000	99.000	0.001	0.002	0.872	0.030
17	22	9	76	0.0	0.001	99.000	99.000	0.001	0.002	0.860	0.028
18	22	9	76	0.0	0.001	99.000	99.000	0.001	0.002	0.822	0.027
19	22	9	76	0.0	0.001	99.000	99.000	0.002	0.002	0.797	0.025
20	22	9	76	0.0	0.001	99.000	99.000	0.001	0.002	0.747	0.022
21	22	9	76	0.0	0.001	1.654	1.503	0.001	0.002	0.809	0.027
22	22	9	76	0.0	0.001	1.647	1.498	0.001	0.002	0.836	0.030
23	22	9	76	0.0	0.001	1.642	1.500	0.001	0.002	0.878	0.028

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	23	9	76	0.0	0.001	1.647	1.499	0.001	0.002	0.836	0.026
1	23	9	76	0.0	0.001	1.653	1.502	0.001	0.002	0.858	0.025
2	23	9	76	0.0	0.001	1.674	1.515	0.001	0.001	0.883	0.026
3	23	9	76	0.0	0.001	1.670	1.525	0.001	0.001	0.862	0.026
4	23	9	76	0.0	0.001	1.673	1.507	0.001	0.001	0.902	0.025
5	23	9	76	0.0	0.001	1.665	1.489	0.001	0.001	0.848	0.025
6	23	9	76	0.0	0.001	1.623	1.489	0.0	0.001	0.872	0.026
7	23	9	76	0.0	0.001	1.646	1.492	0.001	0.001	0.856	0.024
8	23	9	76	0.0	0.001	1.683	1.474	0.001	0.002	0.846	0.022
9	23	9	76	0.0	0.001	1.630	1.457	0.001	0.002	0.755	0.020
10	23	9	76	0.0	0.001	1.607	1.457	0.001	0.002	0.748	0.024
11	23	9	76	0.0	0.001	1.595	1.418	0.001	0.002	0.781	0.030
12	23	9	76	0.0	0.001	1.606	1.449	0.001	0.002	0.770	0.031
13	23	9	76	0.0	0.001	1.621	1.470	0.001	0.002	0.832	0.031
14	23	9	76	0.0	0.001	1.635	1.482	0.001	0.002	0.773	0.031
15	23	9	76	0.0	0.001	1.623	1.474	0.001	0.002	0.711	0.030
16	23	9	76	0.0	0.001	1.633	1.474	0.001	0.002	0.761	0.030
17	23	9	76	0.0	0.001	1.631	1.477	0.001	0.002	0.747	0.030
18	23	9	76	0.0	0.001	1.626	1.479	0.001	0.002	0.737	0.024
19	23	9	76	0.0	0.001	1.628	1.479	0.001	0.002	0.668	0.024
20	23	9	76	0.0	0.001	1.636	1.479	0.001	0.002	0.697	0.028
21	23	9	76	0.0	0.001	1.630	1.480	0.001	0.002	0.723	0.026
22	23	9	76	0.0	0.001	1.638	1.480	0.001	0.002	0.649	0.024
23	23	9	76	0.0	0.001	1.647	1.489	0.001	0.002	0.689	0.022

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
	24	9	76	0.0	0.001	1.671	1.494	0.001	0.002	0.667	0.024
1	24	9	76	0.0	0.001	1.632	1.479	0.001	0.002	0.647	0.025
2	24	9	76	0.0	0.001	1.634	1.482	0.001	0.002	0.661	0.026
3	24	9	76	0.0	0.001	1.632	1.480	0.001	0.002	0.639	0.027
4	24	9	76	0.0	0.001	1.630	1.481	0.001	0.002	0.639	0.029
5	24	9	76	0.0	0.001	1.632	1.478	0.001	0.002	0.672	0.028
6	24	9	76	0.0	0.001	1.635	1.477	0.001	0.002	0.639	0.027
7	24	9	76	0.0	0.001	1.662	1.488	0.001	0.002	0.541	0.024
8	24	9	76	0.0	0.001	1.659	1.493	0.001	0.002	0.560	0.022
9	24	9	76	0.0	0.001	1.645	1.483	0.001	0.002	0.560	0.020
10	24	9	76	0.0	0.001	1.636	1.481	0.001	0.002	0.553	99.000
11	24	9	76	0.0	0.001	1.656	1.506	0.001	0.002	0.566	99.000
12	24	9	76	0.0	0.001	1.657	1.515	0.001	0.002	0.529	0.028
13	24	9	76	0.0	0.001	1.685	1.563	0.001	0.002	0.704	0.031
14	24	9	76	0.0	0.001	1.663	1.514	99.000	99.000	0.744	0.030
15	24	9	76	0.0	0.001	1.675	1.507	99.000	99.000	0.619	0.030
16	24	9	76	0.0	0.001	1.662	1.526	99.000	99.000	99.000	0.027
17	24	9	76	0.0	0.001	1.640	1.501	99.000	99.000	99.000	0.027
18	24	9	76	0.0	0.001	1.637	1.499	99.000	99.000	99.000	0.029
19	24	9	76	0.0	0.001	1.659	1.511	99.000	99.000	99.000	0.029
20	24	9	76	0.0	0.001	1.635	1.500	99.000	99.000	99.000	0.028
21	24	9	76	0.0	0.001	1.633	1.497	99.000	99.000	99.000	0.030
22	24	9	76	0.0	0.001	1.650	1.504	99.000	99.000	0.336	0.026
23	24	9	76	0.0	0.001	1.637	1.502	99.000	99.000	0.220	0.026

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	25	9	76	0.0	0.001	1.634	1.499	99.000	99.000	0.153	0.026
1	25	9	76	0.0	0.001	1.641	1.509	99.000	99.000	0.157	0.025
2	25	9	76	0.0	0.001	1.642	1.504	99.000	99.000	0.166	0.026
3	25	9	76	0.0	0.001	1.647	1.502	99.000	99.000	0.169	0.026
4	25	9	76	0.0	0.001	1.645	1.507	99.000	99.000	0.171	0.024
5	25	9	76	0.0	0.001	1.642	1.511	99.000	99.000	0.158	0.025
6	25	9	76	0.0	0.001	1.639	1.501	99.000	99.000	0.168	0.025
7	25	9	76	0.0	0.001	1.646	1.499	99.000	99.000	0.155	0.025
8	25	9	76	0.0	0.001	1.646	1.499	99.000	99.000	0.167	0.026
9	25	9	76	0.0	0.001	1.647	1.492	99.000	99.000	0.186	0.027
10	25	9	76	0.0	0.001	1.653	1.487	99.000	99.000	0.198	0.028
11	25	9	76	0.0	0.001	1.638	1.479	99.000	99.000	0.182	0.028
12	25	9	76	0.0	0.001	1.642	1.511	99.000	99.000	0.247	0.030
13	25	9	76	0.0	0.001	1.639	1.485	99.000	99.000	0.304	0.030
14	25	9	76	0.0	0.001	1.646	1.488	99.000	99.000	0.208	0.030
15	25	9	76	0.0	0.001	1.746	1.492	99.000	99.000	0.331	0.031
16	25	9	76	0.0	0.001	1.683	1.504	99.000	99.000	0.272	0.031
17	25	9	76	0.0	0.001	1.659	1.504	99.000	99.000	0.252	0.032
18	25	9	76	99.000	99.000	1.653	1.501	99.000	99.000	0.243	0.033
19	25	9	76	99.000	99.000	1.661	1.500	0.007	0.008	0.190	0.032
20	25	9	76	99.000	99.000	1.664	1.502	0.006	0.007	0.301	0.031
21	25	9	76	99.000	99.000	1.664	1.503	0.007	0.007	0.212	0.033
22	25	9	76	99.000	99.000	1.655	1.503	0.007	0.008	0.151	0.034
23	25	9	76	0.001	0.002	1.655	1.502	0.007	0.008	0.164	0.028

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	26	9	76	0.0	0.001	1.660	1.506	0.007	0.008	0.134	0.025
1	26	9	76	0.0	0.001	1.675	1.512	0.007	0.008	0.124	0.027
2	26	9	76	0.0	0.001	1.694	1.516	0.008	0.008	0.104	0.026
3	26	9	76	0.0	0.001	1.701	1.519	0.007	0.008	0.086	0.025
4	26	9	76	0.0	0.001	1.697	1.524	0.007	0.008	0.124	0.023
5	26	9	76	0.0	0.001	1.695	1.521	0.008	0.009	0.069	0.022
6	26	9	76	0.0	0.001	1.687	1.520	0.008	0.009	0.095	0.021
7	26	9	76	0.0	0.001	1.689	1.515	0.008	0.009	0.100	0.022
8	26	9	76	0.0	0.001	1.693	1.516	0.008	0.009	0.096	0.023
9	26	9	76	0.0	0.001	1.689	1.518	0.007	0.008	0.124	0.025
10	26	9	76	0.0	0.001	1.703	1.525	0.007	0.008	0.108	0.026
11	26	9	76	0.0	0.001	1.688	1.515	0.007	0.008	0.103	0.029
12	26	9	76	0.0	0.001	1.670	1.502	0.007	0.008	0.116	0.031
13	26	9	76	0.0	0.001	1.663	1.497	0.007	0.008	0.153	0.034
14	26	9	76	0.0	0.001	1.663	1.497	0.008	0.009	0.150	0.034
15	26	9	76	0.0	0.001	1.661	1.498	0.008	0.009	0.142	0.034
16	26	9	76	0.0	0.001	1.680	1.496	0.008	0.009	0.186	0.035
17	26	9	76	0.0	0.001	1.670	1.498	0.008	0.009	0.148	0.036
18	26	9	76	0.0	0.001	1.681	1.506	0.008	0.009	0.201	0.035
19	26	9	76	0.0	0.001	1.687	1.516	0.009	0.009	0.162	0.032
20	26	9	76	0.0	0.001	1.702	1.528	0.008	0.009	0.163	0.032
21	26	9	76	0.0	0.001	1.718	1.538	0.009	0.009	0.118	0.030
22	26	9	76	0.0	0.001	1.715	1.535	0.008	0.009	0.190	0.032
23	26	9	76	0.0	0.001	1.714	1.540	0.009	0.009	0.163	0.032

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
[illegible]	27	9	76	0.0	0.001	1.717	1.544	0.009	0.009	0.190	0.032
1	27	9	76	0.0	0.001	1.724	1.537	0.008	0.009	0.134	0.030
2	27	9	76	0.0	0.001	1.735	1.534	0.008	0.009	0.148	0.029
3	27	9	76	0.0	0.001	1.725	1.533	0.008	0.009	0.132	0.028
4	27	9	76	0.0	0.001	1.718	1.538	0.008	0.009	0.130	0.029
5	27	9	76	0.0	0.001	1.728	1.540	0.008	0.009	0.086	0.029
6	27	9	76	0.0	0.001	1.732	1.543	0.008	0.009	0.084	0.029
7	27	9	76	0.0	0.001	1.732	1.542	0.008	0.009	0.064	0.027
8	27	9	76	0.0	0.001	1.725	1.541	0.008	0.009	0.056	0.027
9	27	9	76	0.0	0.001	1.728	1.534	0.008	0.009	0.062	0.027
10	27	9	76	0.0	0.001	1.716	1.526	0.008	0.009	0.056	0.030
11	27	9	76	0.0	0.001	1.721	1.510	0.008	0.009	0.097	0.031
12	27	9	76	0.0	0.001	1.712	1.503	0.008	0.009	0.078	0.034
13	27	9	76	0.0	0.001	1.691	1.505	0.008	0.009	0.127	0.035
14	27	9	76	0.0	0.001	1.687	1.498	0.008	0.009	0.121	0.036
15	27	9	76	0.0	0.001	1.683	1.496	0.008	0.010	0.156	0.037
16	27	9	76	0.0	0.001	1.683	1.496	0.008	0.009	0.218	0.037
17	27	9	76	0.0	0.001	1.684	1.496	0.008	0.009	0.210	0.038
18	27	9	76	0.0	0.001	1.686	1.504	0.009	0.010	0.188	0.036
19	27	9	76	0.0	0.001	1.690	1.508	0.009	0.010	0.206	0.034
20	27	9	76	0.0	0.001	1.707	1.520	0.009	0.010	0.190	0.035
21	27	9	76	0.0	0.001	1.700	1.522	0.009	0.010	0.229	0.036
22	27	9	76	0.0	0.001	1.702	1.523	0.009	0.010	0.260	0.037
23	27	9	76	0.0	0.001	1.698	1.518	0.009	0.010	0.232	0.038

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	9	76	0.00	0.001	1.699	1.518	0.009	0.010	0.281	0.038
1	28	9	76	0.00	0.011	1.712	1.538	0.009	0.010	0.282	0.038
2	28	9	76	0.00	0.002	1.689	1.502	0.009	0.010	0.242	0.038
3	28	9	76	0.00	0.001	1.725	1.540	0.009	0.010	0.271	0.038
4	28	9	76	0.00	0.001	1.723	1.541	0.009	0.010	0.271	0.039
5	28	9	76	0.00	0.001	1.724	1.541	0.009	0.010	0.261	0.039
6	28	9	76	0.00	0.001	1.726	1.544	0.009	0.010	0.249	0.039
7	28	9	76	0.00	0.001	1.727	1.543	0.009	0.010	0.260	0.039
8	28	9	76	0.00	0.001	1.732	1.537	0.009	0.010	0.221	0.038
9	28	9	76	0.00	0.001	1.732	1.532	0.008	0.009	0.198	0.035
10	28	9	76	0.00	0.001	1.733	1.523	0.008	0.009	0.157	0.036
11	28	9	76	0.00	0.001	1.720	1.506	0.008	0.009	0.151	0.036
12	28	9	76	0.00	0.001	1.705	1.498	0.008	0.009	0.140	0.03[illegible]
13	28	9	76	0.00	0.001	1.697	1.496	0.009	0.009	0.160	0.037
14	28	9	76	0.00	0.001	1.693	1.491	0.009	0.009	0.154	0.038
15	28	9	76	0.00	0.001	1.691	1.491	0.009	0.010	0.152	0.039
16	28	9	76	99.000	99.000	1.691	1.487	0.009	0.010	0.259	0.040
17	28	9	76	99.000	99.000	1.696	1.492	0.008	0.010	0.258	0.040
18	28	9	76	99.000	99.000	1.730	1.530	0.009	0.010	0.242	0.036
19	28	9	76	99.000	99.000	1.735	1.527	0.009	0.010	0.259	0.036
20	28	9	76	99.000	99.000	1.720	1.513	0.009	0.010	0.221	0.036
21	28	9	76	99.000	99.000	1.721	1.513	0.009	0.010	0.238	0.036
22	28	9	76	99.000	99.000	1.719	1.520	0.010	0.010	0.243	0.036
23	28	9	76	99.000	99.000	1.734	1.518	0.009	0.010	0.240	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	9	76	99.000	99.000	1.727	1.515	0.009	0.010	0.277	0.038
1	29	9	76	99.000	99.000	1.725	1.518	0.009	0.010	0.267	0.038
2	29	9	76	99.000	99.000	1.726	1.521	0.009	0.010	0.236	0.038
3	29	9	76	99.000	99.000	1.721	1.517	0.009	0.010	0.249	0.039
4	29	9	76	99.000	99.000	1.723	1.516	0.009	0.010	0.263	0.037
5	29	9	76	99.000	99.000	1.732	1.526	0.009	0.010	0.238	0.037
6	29	9	76	99.000	99.000	1.742	1.519	0.009	0.010	0.201	0.036
7	29	9	76	99.000	99.000	1.753	1.521	0.009	0.010	0.183	0.037
8	29	9	76	99.000	99.000	1.735	1.518	0.009	0.010	0.166	0.034
9	29	9	76	99.000	99.000	1.728	1.510	0.009	0.010	0.133	0.034
10	29	9	76	99.000	99.000	1.720	1.504	0.009	0.010	0.174	0.034
11	29	9	76	99.000	99.000	1.718	1.497	0.008	0.009	0.177	0.037
12	29	9	76	99.000	99.000	1.712	1.497	0.008	0.009	0.171	0.038
13	29	9	76	99.000	99.000	1.712	1.498	0.008	0.009	0.199	0.038
14	29	9	76	99.000	99.000	1.712	1.496	0.008	0.009	0.280	0.038
15	29	9	76	99.000	99.000	99.000	99.000	0.008	0.009	0.226	0.037
16	29	9	76	99.000	99.000	1.607	1.399	0.008	0.009	0.167	0.038
17	29	9	76	0.001	0.001	1.724	1.502	0.008	0.009	0.183	0.038
18	29	9	76	0.0	0.001	1.743	1.517	0.009	0.009	0.191	0.037
19	29	9	76	0.0	0.001	1.774	1.539	0.009	0.010	0.168	0.038
20	29	9	76	0.0	0.001	1.789	1.551	0.009	0.010	0.145	0.039
21	29	9	76	0.0	0.001	1.799	1.557	0.009	0.010	0.166	0.041
22	29	9	76	0.0	0.0	1.789	1.544	0.009	0.010	0.141	0.041
23	29	9	76	0.0	0.0	1.759	1.526	0.010	0.010	0.111	0.040

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
	30	9	76	0.0	0.001	1.749	1.528	0.010	0.010	0.136	0.040
1	30	9	76	0.0	0.001	1.762	1.536	0.009	0.010	0.197	0.039
2	30	9	76	0.0	0.0	1.756	1.529	0.009	0.010	0.170	0.039
3	30	9	76	0.0	0.0	1.749	1.525	0.009	0.010	0.196	0.039
4	30	9	76	0.0	0.001	1.745	1.523	0.009	0.010	0.183	0.040
5	30	9	76	0.0	0.001	1.743	1.529	0.009	0.010	0.225	0.041
6	30	9	76	0.0	0.001	1.740	1.527	0.010	0.010	0.250	0.041
7	30	9	76	0.0	0.001	1.740	1.523	0.009	0.010	0.225	0.040
8	30	9	76	0.0	0.001	1.751	1.526	0.009	0.010	0.142	0.036
9	30	9	76	0.0	0.0	1.739	1.516	0.009	0.010	0.167	0.039
10	30	9	76	0.0	0.001	1.725	1.504	0.009	0.010	0.181	0.040
11	30	9	76	0.0	0.001	1.718	1.500	0.008	0.010	0.178	0.040
12	30	9	76	0.0	0.001	1.725	1.508	0.008	0.010	0.219	0.040
13	30	9	76	0.0	0.001	1.738	1.514	0.008	0.009	0.178	0.041
14	30	9	76	99.000	99.000	99.000	99.000	0.008	0.009	0.239	0.041
15	30	9	76	99.000	99.000	1.691	1.467	0.008	0.009	0.143	0.041
16	30	9	76	0.001	0.001	1.733	1.504	0.008	0.009	0.139	0.041
17	30	9	76	0.0	0.001	1.741	1.506	0.008	0.009	0.156	0.041
18	30	9	76	0.0	0.001	1.742	1.510	0.008	0.009	0.140	0.038
19	30	9	76	0.0	0.001	1.742	1.514	0.009	0.010	0.093	0.036
20	30	9	76	0.0	0.001	1.739	1.520	0.009	0.010	0.114	0.038
21	30	9	76	0.0	0.001	1.739	1.520	0.009	0.010	0.110	0.039
22	30	9	76	0.0	0.001	1.745	1.516	0.009	0.010	0.132	0.036
23	30	9	76	0.0	0.001	1.740	1.516	0.009	0.010	0.143	0.039

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	1	10	76	0.0	0.001	1.735	1.512	0.010	0.010	0.161	0.039
1	1	10	76	0.0	0.001	1.734	1.515	0.010	0.010	0.158	0.038
2	1	10	76	0.0	0.001	1.735	1.512	0.010	0.010	0.167	0.038
3	1	10	76	0.0	0.001	1.735	1.511	0.010	0.010	0.172	0.037
4	1	10	76	0.0	0.001	1.729	1.505	0.010	0.010	0.126	0.036
5	1	10	76	0.0	0.001	1.723	1.503	0.010	0.010	0.159	0.037
6	1	10	76	0.0	0.001	1.737	1.521	0.010	0.010	0.070	0.037
7	1	10	76	0.0	0.001	1.731	1.523	0.009	0.010	0.114	0.036
8	1	10	76	0.0	0.001	1.743	1.526	0.009	0.010	0.052	0.035
9	1	10	76	0.0	0.012	1.750	1.520	0.009	0.009	0.064	0.032
10	1	10	76	0.0	0.002	1.757	1.509	0.008	0.009	0.049	0.034
11	1	10	76	0.0	0.001	1.749	1.507	0.008	0.009	0.047	0.037
12	1	10	76	0.0	0.001	1.751	1.508	0.008	0.009	0.051	0.037
13	1	10	76	0.0	0.001	1.730	1.498	0.008	0.009	0.100	0.039
14	1	10	76	0.0	0.001	1.680	1.469	0.008	0.009	0.207	0.040
15	1	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.197	0.040
16	1	10	76	0.0	0.001	99.000	99.000	0.008	0.009	0.240	0.039
17	1	10	76	0.0	0.001	99.000	99.000	0.009	0.009	0.199	0.038
18	1	10	76	0.0	0.001	1.964	1.577	0.009	0.010	0.128	0.037
19	1	10	76	0.0	0.001	1.955	1.582	0.009	0.010	0.090	0.037
20	1	10	76	0.0	0.001	1.944	1.583	0.009	0.010	0.047	0.038
21	1	10	76	0.0	0.001	1.940	1.579	0.009	0.010	0.065	0.040
22	1	10	76	0.0	0.001	1.937	1.580	0.009	0.010	0.070	0.038
23	1	10	76	0.0	0.001	1.945	1.578	0.009	0.010	0.061	0.037

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	10	76	0.0	0.001	1.940	1.582	0.009	0.010	0.082	0.036
1	2	10	76	0.0	0.001	1.945	1.580	0.009	0.010	0.099	0.035
2	2	10	76	0.0	0.001	1.940	1.580	0.009	0.010	0.107	0.034
3	2	10	76	0.0	0.001	1.945	1.564	0.009	0.010	0.060	0.032
4	2	10	76	0.0	0.001	1.918	1.552	0.009	0.010	0.039	0.031
5	2	10	76	0.0	0.001	1.887	1.419	0.009	0.010	0.029	0.031
6	2	10	76	0.0	0.001	1.874	1.502	0.009	0.010	0.035	0.031
7	2	10	76	0.0	0.001	1.915	1.526	0.009	0.010	0.032	0.030
8	2	10	76	0.0	0.001	1.927	1.540	0.008	0.010	0.045	0.030
9	2	10	76	0.0	0.001	1.884	1.525	0.009	0.010	0.019	0.032
10	2	10	76	0.0	0.001	1.871	1.486	0.009	0.009	0.0	0.031
11	2	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.0	0.031
12	2	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.0	0.031
13	2	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.0	0.030
14	2	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.0	0.029
15	2	10	76	0.001	0.001	99.000	99.000	0.008	0.009	0.0	0.029
16	2	10	76	0.0	0.001	1.942	1.554	0.008	0.009	0.0	0.028
17	2	10	76	0.0	0.001	1.958	1.554	0.008	0.009	0.0	0.029
18	2	10	76	0.0	0.001	1.938	1.543	0.008	0.009	0.0	0.030
19	2	10	76	0.0	0.001	1.926	1.532	0.008	0.009	0.0	0.032
20	2	10	76	0.0	0.001	1.918	1.521	0.008	0.009	0.0	0.028
21	2	10	76	0.0	0.001	1.894	1.515	0.009	0.009	0.0	0.027
22	2	10	76	0.0	0.001	1.908	1.516	0.009	0.009	0.0	0.031
23	2	10	76	0.0	0.001	1.905	1.500	0.009	0.009	0.0	0.031

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	10	76	0.0	0.001	1.889	1.492	0.009	0.009	0.0	0.029
1	3	10	76	0.0	0.001	1.888	1.492	0.009	0.009	0.0	0.030
2	3	10	76	0.0	0.001	1.874	1.492	0.009	0.009	0.0	0.032
3	3	10	76	0.0	0.001	1.874	1.481	0.009	0.009	0.0	0.031
4	3	10	76	0.0	0.001	1.886	1.481	0.009	0.009	0.0	0.031
5	3	10	76	0.0	0.001	1.874	1.477	0.009	0.009	0.0	0.029
6	3	10	76	0.0	0.001	1.871	1.476	0.008	0.009	0.0	0.030
7	3	10	76	0.0	0.001	1.871	1.482	0.008	0.009	0.0	0.033
8	3	10	76	0.0	0.001	1.872	1.477	0.008	0.009	0.0	0.033
9	3	10	76	0.0	0.001	1.850	1.456	0.008	0.009	0.0	0.034
10	3	10	76	0.0	0.001	1.829	1.449	0.008	0.009	0.0	0.033
11	3	10	76	0.0	0.001	1.817	1.437	0.008	0.009	0.0	0.032
12	3	10	76	0.0	0.001	99.000	99.000	0.008	0.009	0.020	0.032
13	3	10	76	0.0	0.001	99.000	99.000	0.008	0.009	0.0	0.031
14	3	10	76	0.0	0.001	99.000	99.000	0.008	0.009	0.0	0.032
15	3	10	76	0.0	0.001	1.789	1.526	0.008	0.009	0.0	0.032
16	3	10	76	0.0	0.001	1.793	1.538	0.008	0.009	0.0	0.032
17	3	10	76	0.0	0.001	1.796	1.532	0.009	0.010	0.0	0.032
18	3	10	76	0.0	0.001	1.839	1.547	0.009	0.010	0.0	0.030
19	3	10	76	0.0	0.001	1.838	1.554	0.009	0.010	0.0	0.029
20	3	10	76	0.0	0.001	1.810	1.551	0.009	0.010	0.0	0.028
21	3	10	76	0.0	0.001	1.810	1.555	0.009	0.010	0.0	0.028
22	3	10	76	0.0	0.001	1.822	1.554	0.009	0.010	0.0	0.029
23	3	10	76	0.0	0.001	1.816	1.553	0.009	0.010	0.0	0.028

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
	4	10	76	0.0	0.001	1.811	1.550	0.009	0.010	0.0	0.028
1	4	10	76	0.0	0.001	1.800	1.551	0.009	0.010	0.054	0.028
2	4	10	76	0.0	0.001	1.812	1.554	0.009	0.010	0.055	0.030
3	4	10	76	0.0	0.001	1.808	1.545	0.009	0.010	0.055	0.029
4	4	10	76	0.0	0.001	1.803	1.546	0.009	0.010	0.053	0.029
5	4	10	76	0.0	0.001	1.819	1.552	0.009	0.010	0.112	0.029
6	4	10	76	0.0	0.001	1.807	1.553	0.009	0.010	0.065	0.030
7	4	10	76	0.0	0.001	1.809	1.548	0.009	0.010	0.084	0.030
8	4	10	76	0.0	0.001	1.835	1.548	0.009	0.010	0.061	0.032
9	4	10	76	0.0	0.001	1.820	1.554	0.009	0.010	0.024	0.034
10	4	10	76	0.0	0.001	1.814	1.543	0.009	0.010	0.0	0.034
11	4	10	76	0.0	0.001	1.813	1.539	0.009	0.010	0.009	0.035
12	4	10	76	0.0	0.001	1.805	1.532	0.009	0.010	0.038	0.034
13	4	10	76	0.0	0.001	1.797	1.528	0.009	0.010	0.055	0.034
14	4	10	76	0.0	0.001	1.791	1.529	0.009	0.010	0.064	0.034
15	4	10	76	0.0	0.001	1.836	1.556	0.009	0.010	0.067	0.038
16	4	10	76	0.0	0.001	1.844	1.584	0.009	0.010	0.092	0.039
17	4	10	76	0.0	0.001	1.855	1.590	0.009	0.010	0.112	0.039
18	4	10	76	0.0	0.001	1.835	1.602	0.010	0.010	0.110	0.036
19	4	10	76	0.0	0.001	1.857	1.615	0.010	0.010	0.143	0.037
20	4	10	76	0.0	0.001	1.866	1.615	0.010	0.010	0.145	0.037
21	4	10	76	0.0	0.001	1.871	1.611	0.010	0.010	0.130	0.037
22	4	10	76	0.0	0.001	1.871	1.613	0.010	0.010	0.173	0.037
23	4	10	76	0.0	0.001	1.874	1.622	0.009	0.010	0.167	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	5	10	76	0.0	0.001	1.889	1.618	0.009	0.010	0.145	0.033
1	5	10	76	0.0	0.001	1.890	1.622	0.009	0.010	0.118	0.034
2	5	10	76	0.0	0.001	1.904	1.626	0.009	0.010	0.092	0.033
3	5	10	76	0.0	0.001	1.891	1.627	0.009	0.010	0.102	0.033
4	5	10	76	0.0	0.001	1.903	1.629	0.009	0.010	0.096	0.031
5	5	10	76	0.0	0.001	1.911	1.631	0.009	0.010	0.069	0.031
6	5	10	76	0.0	0.001	1.902	1.633	0.009	0.010	0.111	0.031
7	5	10	76	0.0	0.001	1.915	1.625	0.008	0.010	0.093	0.031
8	5	10	76	0.0	0.001	1.894	1.629	0.008	0.010	0.060	0.033
9	5	10	76	0.0	0.001	1.890	1.628	0.008	0.010	0.022	0.034
10	5	10	76	0.0	0.001	1.879	1.614	0.009	0.010	0.070	0.035
11	5	10	76	0.0	0.001	1.863	1.601	0.009	0.010	0.053	0.036
12	5	10	76	0.0	0.001	1.861	1.604	0.009	0.010	1.312	0.037
13	5	10	76	0.0	0.001	1.908	1.608	0.009	0.010	0.533	0.040
14	5	10	76	0.0	0.001	1.891	1.619	0.009	0.010	0.173	0.040
15	5	10	76	0.0	0.001	1.880	1.622	0.009	0.010	0.171	0.039
16	5	10	76	0.0	0.001	1.861	1.603	0.009	0.010	0.138	0.039
17	5	10	76	0.0	0.001	1.857	1.607	0.010	0.010	0.073	0.039
18	5	10	76	0.0	0.001	1.862	1.612	0.010	0.010	0.041	0.036
19	5	10	76	0.0	0.001	1.875	1.613	0.009	0.010	0.037	0.034
20	5	10	76	0.0	0.001	1.906	1.631	0.009	0.010	0.067	0.036
21	5	10	76	0.0	0.001	1.895	1.626	0.009	0.010	0.043	0.037
22	5	10	76	0.0	0.001	1.893	1.636	0.009	0.010	0.0	0.037
23	5	10	76	0.0	0.001	1.921	1.641	0.009	0.010	0.044	0.038

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                    RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                              AIR  QUALITY  DATA
HR DY MO YR        SO2      H2S      TFC     CH4       NOX     NO       CO      O3
++ ++ ++ ++      +----------------------------------------------------------------+

 0  6 10 76       0.0      0.001    1.929   1.646     0.009   0.010    0.056   0.037

 1  6 10 76       0.0      0.001    1.941   1.648     0.009   0.010    0.046   0.037

 2  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.033   0.036

 3  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.066   0.035

 4  6 10 76     99.000   99.000   99.000  99.000     0.008   0.010    0.054   0.035

 5  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.040   0.035

 6  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.051   0.034

 7  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.045   0.032

 8  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.018   0.034

 9  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.030   0.034

10  6 10 76     99.000   99.000   99.000  99.000     0.010   0.010    0.087   0.034

11  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.133   0.031

12  6 10 76     99.000   99.000   99.000  99.000     0.008   0.009    0.130   0.029

13  6 10 76     99.000   99.000   99.000  99.000     0.009   0.009    0.340   0.028

14  6 10 76     99.000   99.000   99.000  99.000     0.009   0.009    0.189   0.028

15  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.092   0.029

16  6 10 76     99.000   99.000   99.000  99.000     0.009   0.010    0.134   0.030

17  6 10 76     99.000   99.000   99.000  99.000     0.010   0.010    0.140   0.030

18  6 10 76     99.000   99.000   99.000  99.000     0.010   0.010    0.181   0.030

19  6 10 76     99.000   99.000   99.000  99.000     0.010   0.010    0.135   0.029

20  6 10 76     99.000   99.000   99.000  99.000     0.010   0.010    0.182   0.030

21  6 10 76     99.000   99.000   99.000  99.000     0.010   0.010    0.186   0.031

22  6 10 76     99.000   99.000   99.000  99.000     0.010   0.010    0.151   0.030

23  6 10 76     99.000   99.000   99.000  99.000     0.010   0.010    0.164   0.029
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RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	7	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.176	0.026
1	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.122	0.025
2	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.157	0.026
3	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.172	0.025
4	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.156	0.024
5	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.175	0.024
6	7	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.137	0.025
7	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.154	0.024
8	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.176	0.024
9	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.181	0.025
10	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.192	0.029
11	7	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.250	0.034
12	7	10	76	99.000	99.000	1.773	1.492	0.009	0.010	0.229	0.035
13	7	10	76	99.000	99.000	1.975	1.668	0.009	0.010	0.245	0.035
14	7	10	76	0.001	0.003	1.989	1.674	0.009	0.010	0.263	0.036
15	7	10	76	0.0	0.001	1.979	1.661	0.009	0.010	0.245	0.036
16	7	10	76	0.0	0.001	1.968	1.651	0.009	0.010	0.256	0.037
17	7	10	76	0.0	0.001	1.968	1.650	0.009	0.010	0.252	0.037
18	7	10	76	0.0	0.001	1.982	1.653	0.009	0.010	0.332	0.035
19	7	10	76	0.0	0.001	1.984	1.662	0.010	0.010	0.293	0.034
20	7	10	76	0.0	0.001	1.985	1.663	0.009	0.010	0.247	0.034
21	7	10	76	0.0	0.001	1.983	1.656	0.010	0.010	0.234	0.036
22	7	10	76	0.0	0.001	1.957	1.651	0.010	0.010	0.263	0.036
23	7	10	76	[illegible]	0.001	1.963	1.646	0.010	0.010	0.226	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	10	76	[illegible]	0.001	1.969	1.650	0.010	0.010	0.228	0.036
1	8	10	76	[illegible]	0.001	1.965	1.643	0.010	0.010	0.209	0.036
2	8	10	76	[illegible]	0.001	1.962	1.641	0.010	0.010	0.232	0.037
3	8	10	76	[illegible]	0.001	1.950	1.646	0.010	0.010	0.245	0.037
4	8	10	76	[illegible]	0.001	1.949	1.644	0.010	0.010	0.251	0.037
5	8	10	76	[illegible]	0.001	1.956	1.644	0.010	0.010	0.232	0.037
6	8	10	76	[illegible]	0.001	1.964	1.633	0.010	0.010	0.249	0.038
7	8	10	76	[illegible]	0.001	1.959	1.631	0.010	0.010	0.257	0.038
8	8	10	76	[illegible]	0.001	1.965	1.629	0.010	0.010	0.249	0.036
9	8	10	76	[illegible]	0.001	1.967	1.630	0.010	0.010	0.214	0.035
10	8	10	76	[illegible]	0.001	1.986	1.626	0.009	0.010	0.198	0.034
11	8	10	76	[illegible]	0.001	1.952	1.615	0.009	0.010	0.165	0.034
12	8	10	76	[illegible]	0.001	1.945	1.636	0.009	0.010	0.160	0.034
13	8	10	76	[illegible]	0.001	1.924	1.605	0.009	0.010	0.143	0.033
14	8	10	76	[illegible]	0.001	1.915	1.597	0.009	0.010	0.104	0.032
15	8	10	76	[illegible]	0.001	1.929	1.594	0.009	0.010	0.084	0.032
16	8	10	76	[illegible]	0.001	1.925	1.591	0.009	0.010	0.088	0.031
17	8	10	76	[illegible]	0.001	1.970	1.614	0.008	0.010	0.177	0.033
18	8	10	76	[illegible]	0.001	1.949	1.614	0.009	0.010	0.137	0.031
19	8	10	76	[illegible]	0.001	1.946	1.618	0.009	0.010	0.139	0.031
20	8	10	76	[illegible]	0.001	1.961	1.626	0.009	0.010	0.138	0.031
21	8	10	76	[illegible]	0.001	1.978	1.628	0.009	0.010	0.128	0.031
22	8	10	76	[illegible]	0.001	1.979	1.627	0.010	0.010	0.112	0.031
23	8	10	76	[illegible]	0.001	1.961	1.627	0.010	0.010	0.171	0.033

RIO BLANCO OIL SHALE PROJECT   SITE   ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	10	76	0.0	0.001	1.965	1.626	0.010	0.010	0.191	0.033
1	9	10	76	0.0	0.001	1.923	1.603	0.010	0.010	0.156	0.034
2	9	10	76	0.0	0.001	1.914	1.592	0.010	0.010	0.213	0.033
3	9	10	76	0.0	0.001	1.919	1.595	0.010	0.010	0.215	0.032
4	9	10	76	0.0	0.001	1.913	1.596	0.010	0.010	0.201	0.033
5	9	10	76	0.0	0.001	1.893	1.585	0.010	0.010	0.238	0.035
6	9	10	76	0.0	0.001	1.911	1.598	0.010	0.010	0.239	0.033
7	9	10	76	0.0	0.001	1.902	1.587	0.010	0.010	0.220	0.033
8	9	10	76	0.0	0.001	1.913	1.582	0.010	0.010	0.172	0.033
9	9	10	76	0.0	0.001	1.897	1.573	0.010	0.010	0.207	0.032
10	9	10	76	0.0	0.001	1.899	1.573	0.009	0.010	0.150	0.028
11	9	10	76	0.0	0.001	1.901	1.581	0.009	0.010	0.157	0.031
12	9	10	76	0.0	0.001	1.900	1.576	0.008	0.010	0.126	0.033
13	9	10	76	0.0	0.001	1.863	1.557	0.009	0.010	0.152	0.036
14	9	10	76	0.0	0.001	1.859	1.549	0.009	0.010	0.184	0.037
15	9	10	76	0.0	0.001	1.884	1.555	0.009	0.010	0.247	0.038
16	9	10	76	0.0	0.001	1.917	1.576	0.009	0.010	0.240	0.038
17	9	10	76	0.0	0.001	1.927	1.582	0.009	0.010	0.202	0.036
18	9	10	76	0.0	0.001	1.920	1.578	0.009	0.010	0.201	0.034
19	9	10	76	0.0	0.001	1.926	1.581	0.010	0.010	0.193	0.035
20	9	10	76	0.0	0.001	1.934	1.588	0.010	0.010	0.175	0.035
21	9	10	76	0.0	0.001	1.965	1.600	0.010	0.010	0.170	0.037
22	9	10	76	99.000	99.000	1.933	1.593	0.010	0.010	0.162	0.038
23	9	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.185	0.038

RIO BLANCO OIL SHALE PROJECT   SITE   ONE

AIR   QUALITY   DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.180	0.038
1	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.194	0.037
2	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.225	0.037
3	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.239	0.038
4	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.187	0.039
5	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.230	0.039
6	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.195	0.039
7	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.239	0.038
8	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.264	0.036
9	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.234	0.036
10	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.311	0.036
11	10	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.306	0.037
12	10	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.340	0.037
13	10	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.352	0.036
14	10	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.335	0.036
15	10	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.394	0.038
16	10	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.310	0.040
17	10	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.305	0.039
18	10	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.285	0.039
19	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.313	0.040
20	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.352	0.040
21	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.359	0.039
22	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.385	0.038
23	10	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.422	0.037

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.368	0.037
1	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.362	0.037
2	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.342	0.036
3	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.384	0.036
4	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.381	0.035
5	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.355	0.035
6	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.369	0.034
7	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.368	0.034
8	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.330	0.034
9	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.294	0.034
10	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.311	0.036
11	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.372	0.038
12	11	10	76	99.000	99.000	99.000	99.000	0.008	0.010	0.383	0.038
13	11	10	76	99.000	99.000	99.000	99.000	0.008	0.010	0.334	0.039
14	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.349	0.039
15	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.361	0.039
16	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.435	0.040
17	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.423	0.039
18	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.452	0.039
19	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.424	0.039
20	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.389	0.039
21	11	10	76	99.000	99.000	99.000	99.000	0.010	0.010	0.321	0.035
22	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.258	0.036
23	11	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.251	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
	12	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.210	0.037
1	12	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.225	0.034
2	12	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.214	0.033
3	12	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.217	0.032
4	12	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.211	0.031
5	12	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.186	0.033
6	12	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.165	0.033
7	12	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.085	0.032
8	12	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.166	0.032
9	12	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.106	0.032
10	12	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.060	0.033
11	12	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.155	0.034
12	12	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.117	0.035
13	12	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.092	0.037
14	12	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.175	0.038
15	12	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.131	0.039
16	12	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.244	0.040
17	12	10	76	99.000	99.000	99.000	99.000	0.009	0.009	0.254	0.039
18	12	10	76	0.0	0.001	99.000	99.000	0.010	0.010	0.306	0.036
19	12	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.310	0.036
20	12	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.282	0.038
21	12	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.340	0.039
22	12	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.329	0.040
23	12	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.287	0.039

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	TFC	CH4	NOX	NO	CO	O3
0	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.329	0.040
1	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.298	0.041
2	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.255	0.041
3	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.324	0.041
4	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.319	0.039
5	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.323	0.039
6	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.356	0.038
7	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.329	0.038
8	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.367	0.039
9	13	10	76	0.0	0.001	99.000	99.000	0.009	0.010	0.280	0.040
10	13	10	76	0.0	0.001	99.000	99.000	0.008	0.009	0.277	0.036
11	13	10	76	0.0	0.001	99.000	99.000	0.008	0.009	0.240	0.038
12	13	10	76	0.0	0.001	99.000	99.000	0.008	0.009	0.188	0.040
13	13	10	76	0.0	0.001	99.000	99.000	0.008	0.009	0.179	0.040
14	13	10	76	0.0	0.001	2.033	1.632	0.008	0.010	0.255	0.041
15	13	10	76	0.0	0.001	2.061	1.650	0.009	0.010	0.222	0.042
16	13	10	76	0.0	0.001	2.080	1.631	0.009	0.010	0.240	0.042
17	13	10	76	0.0	0.001	2.076	1.626	0.009	0.010	0.223	0.040
18	13	10	76	0.0	0.001	2.077	1.630	0.009	0.010	0.195	0.038
19	13	10	76	0.0	0.001	2.076	1.630	0.009	0.010	0.151	0.039
20	13	10	76	0.0	0.001	2.06[illegible]	1.626	0.010	0.010	0.283	0.040
21	13	10	76	0.0	0.001	2.050	1.619	0.010	0.010	0.310	0.040
22	13	10	76	0.0	0.001	2.035	1.609	0.010	0.010	0.348	0.039
23	13	10	76	0.0	0.001	2.023	1.602	0.010	0.010	0.300	0.039

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	14	10	76	0.00	0.001	2.015	1.597	0.010	0.010	0.333	0.036
1	14	10	76	0.00	0.001	2.034	1.602	0.010	0.010	0.384	0.039
2	14	10	76	0.00	0.001	2.033	1.604	0.010	0.010	0.359	0.039
3	14	10	76	0.00	0.001	2.034	1.605	0.010	0.010	0.425	0.040
4	14	10	76	0.00	0.001	2.035	1.604	0.010	0.010	0.384	0.040
5	14	10	76	0.00	0.001	2.033	1.603	0.009	0.010	0.361	0.040
6	14	10	76	0.00	0.001	2.035	1.602	0.009	0.010	0.281	0.039
7	14	10	76	0.00	0.001	2.030	1.599	0.009	0.010	0.350	0.038
8	14	10	76	0.00	0.001	2.047	1.596	0.009	0.010	0.245	0.036
9	14	10	76	0.00	0.001	2.046	1.591	0.009	0.010	0.225	0.035
10	14	10	76	0.00	0.001	2.034	1.583	0.009	0.010	0.222	0.036
11	14	10	76	0.00	0.001	2.005	1.569	0.009	0.010	0.276	0.034
12	14	10	76	0.00	0.001	2.004	1.566	0.009	0.010	0.227	0.034
13	14	10	76	0.00	0.001	1.995	1.562	0.009	0.010	0.265	0.033
14	14	10	76	0.00	0.001	1.986	1.559	0.009	0.009	0.294	0.032
15	14	10	76	0.00	0.001	1.982	1.553	0.009	0.009	0.305	0.031
16	14	10	76	0.00	0.001	1.993	1.556	0.009	0.010	0.272	0.031
17	14	10	76	0.00	0.001	1.985	1.555	0.009	0.010	0.298	0.030
18	14	10	75	0.00	0.001	[illegible]	1.565	0.008	0.010	0.279	0.028
19	14	10	76	0.00	0.001	2.014	1.573	0.009	0.010	0.270	0.029
20	14	10	76	0.00	0.001	2.021	1.580	0.009	0.010	0.212	0.030
21	14	10	76	0.00	0.001	2.019	1.576	0.009	0.010	0.187	0.031
22	14	10	76	0.00	0.001	2.023	1.578	0.009	0.010	0.155	0.031
23	14	10	76	0.00	0.001	2.025	1.581	0.009	0.010	0.176	0.030

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	15	10	76	[illegible]	0.001	2.065	1.594	0.009	0.010	0.19[illegible]	0.031
1	15	10	76	[illegible]	0.001	2.076	1.595	0.009	0.010	0.192	0.031
2	15	10	76	[illegible]	0.001	2.033	1.579	0.009	0.010	0.183	0.031
3	15	10	76	[illegible]	0.001	2.039	1.587	0.008	0.010	0.184	0.029
4	15	10	76	[illegible]	0.001	2.033	1.584	0.008	0.009	0.165	0.029
5	15	10	76	[illegible]	0.001	2.035	1.583	0.008	0.009	0.096	0.030
6	15	10	76	[illegible]	0.001	2.025	1.581	0.008	0.009	0.063	0.031
7	15	10	76	[illegible]	0.001	2.018	1.576	0.008	0.009	0.097	0.031
8	15	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.125	0.031
9	15	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.104	0.030
10	15	10	76	99.000	99.000	99.000	99.000	0.008	0.009	0.102	0.034
11	15	10	76	99.000	99.000	99.000	99.000	0.008	0.010	0.067	0.036
12	15	10	76	99.000	99.000	2.055	1.556	0.008	0.009	0.141	0.036
13	15	10	76	99.000	99.000	2.055	1.592	0.009	0.010	0.136	0.036
14	15	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.152	0.035
15	15	10	76	[illegible]	0.001	99.000	99.000	0.009	0.010	0.228	0.036
16	15	10	76	[illegible]	0.001	1.865	1.457	0.009	0.010	0.274	0.036
17	15	10	76	[illegible]	0.001	1.963	1.529	0.010	0.010	0.228	0.035
18	15	10	76	0.026	0.001	2.029	1.566	0.011	0.012	0.850	0.035
19	15	10	76	0.004	0.001	2.057	1.576	0.010	0.011	0.293	0.035
20	15	10	76	0.001	0.001	2.024	1.56[illegible]	0.010	0.010	0.104	0.035
21	15	10	76	[illegible]	0.001	2.007	1.554	0.010	0.011	0.108	0.036
22	15	10	76	[illegible]	0.001	2.004	1.556	0.010	0.011	0.112	0.037
23	15	10	76	[illegible]	0.001	[illegible]	1.555	0.010	0.010	0.111	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	16	1	76	[illegible]	0.001	2.0[illegible]5	1.555	0.010	0.010	0.186	0.036
1	16	1	76	[illegible]	0.001	2.0[illegible]1	1.553	0.010	0.011	0.187	0.035
2	16	1	76	[illegible]	0.001	1.995	1.552	0.010	0.010	0.172	0.035
3	16	1	76	[illegible]	0.001	1.992	1.549	0.010	0.010	0.146	0.035
4	16	1	76	[illegible]	0.001	1.991	1.547	0.010	0.010	0.214	0.034
5	16	1	76	[illegible]	0.001	1.982	1.543	0.010	0.010	0.197	0.034
6	16	1	76	[illegible]	0.001	1.971	1.544	0.010	0.010	0.170	0.035
7	16	1	76	[illegible]	0.001	1.987	1.546	0.009	0.010	0.182	0.034
8	16	1	76	[illegible]	0.001	2.0[illegible]	1.545	0.009	0.010	0.182	0.033
9	16	1	76	[illegible]	0.001	2.0[illegible]8	1.544	0.009	0.010	0.120	0.032
10	16	1	76	[illegible]	0.001	2.01[illegible]	1.539	0.009	0.010	0.179	0.035
11	16	1	76	[illegible]	0.001	1.987	1.531	0.009	0.010	0.196	0.038
12	16	1	76	[illegible]	0.001	1.972	1.526	0.009	0.010	0.199	0.03[illegible]
13	16	1	76	[illegible]	0.001	1.966	1.52[illegible]	0.009	0.010	0.200	0.038
14	16	1	76	[illegible]	0.001	1.95[illegible]	1.515	0.009	0.010	0.110	0.038
15	16	1	76	[illegible]	0.001	1.961	1.522	0.009	0.010	0.140	0.039
16	16	1	76	[illegible]	0.001	1.958	1.52[illegible]	0.010	0.010	0.165	0.038
17	16	1	76	[illegible]	0.001	1.949	1.518	0.010	0.010	0.175	0.037
18	16	1	76	[illegible]	0.001	1.955	1.518	0.010	0.010	0.165	0.036
19	16	1	76	[illegible]	0.001	1.984	1.534	0.010	0.010	0.194	0.038
20	16	1	76	[illegible]	0.001	1.995	1.538	0.010	0.010	0.142	0.039
21	16	1	76	[illegible]	0.001	1.988	1.536	0.010	0.010	0.115	0.038
22	16	1	76	[illegible]	0.001	1.979	1.53[illegible]	0.01[illegible]	0.010	0.1[illegible]4	0.036
23	16	1	76	[illegible]	0.001	1.966	1.523	0.010	0.010	0.099	0.035

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	17	10	76	[illegible]	0.001	1.960	1.519	0.010	0.010	0.091	0.034
1	17	10	76	[illegible]	0.001	1.953	1.513	0.010	0.010	0.094	0.033
2	17	10	76	[illegible]	0.001	1.958	1.511	0.010	0.010	0.136	0.032
3	17	10	76	[illegible]	0.001	1.948	1.509	0.010	0.010	0.096	0.032
4	17	10	76	[illegible]	0.001	1.946	1.505	0.010	0.010	0.078	0.034
5	17	10	76	[illegible]	0.001	1.942	1.503	0.010	0.010	0.106	0.035
6	17	10	76	[illegible]	0.001	1.938	1.500	0.010	0.010	0.087	0.036
7	17	10	76	[illegible]	0.001	1.943	1.502	0.010	0.010	0.129	0.033
8	17	10	76	[illegible]	0.001	1.944	1.502	0.010	0.010	0.061	0.032
9	17	10	76	[illegible]	0.001	1.930	1.500	0.010	0.010	0.137	0.034
10	17	10	76	[illegible]	0.001	1.938	1.500	0.010	0.010	0.157	0.033
11	17	10	76	[illegible]	0.001	1.931	1.496	0.009	0.010	0.089	0.033
12	17	10	76	[illegible]	0.001	1.925	1.491	0.009	0.010	0.118	0.035
13	17	10	76	[illegible]	0.001	1.927	1.487	0.009	0.010	0.124	0.035
14	17	10	76	[illegible]	0.001	1.923	1.486	0.009	0.010	0.134	0.036
15	17	10	76	[illegible]	0.001	1.923	1.489	0.010	0.010	0.130	0.038
16	17	10	76	[illegible]	0.001	1.943	1.492	0.009	0.010	0.254	0.043
17	17	10	76	[illegible]	0.001	1.946	1.489	0.009	0.010	0.184	0.043
18	17	10	76	[illegible]	0.001	1.953	1.503	0.010	0.010	0.236	0.045
19	17	10	76	[illegible]	0.001	1.970	1.513	0.010	0.011	0.237	0.044
20	17	10	76	[illegible]	0.001	2.027	1.518	0.009	0.010	0.411	0.040
21	17	10	76	[illegible]	0.001	2.031	1.517	0.009	0.010	0.289	0.038
22	17	10	76	[illegible]	0.001	1.988	1.519	0.009	0.010	0.353	0.036
23	17	10	76	[illegible]	0.001	1.972	1.517	0.009	0.010	0.183	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	18	10	76	[illegible]	0.001	1.970	1.517	0.009	0.010	0.172	0.034
1	18	10	76	[illegible]	0.001	1.973	1.518	0.009	0.010	0.168	0.034
2	18	10	76	[illegible]	0.001	1.974	1.515	0.009	0.010	0.184	0.034
3	18	10	76	[illegible]	0.001	1.983	1.519	0.009	0.010	0.187	0.032
4	18	10	76	[illegible]	0.001	1.976	1.517	0.009	0.010	0.192	0.032
5	18	10	76	[illegible]	0.001	2.013	1.531	0.009	0.010	0.195	0.029
6	18	10	76	[illegible]	0.001	2.006	1.535	0.009	0.010	0.238	0.026
7	18	10	76	[illegible]	0.001	2.012	1.540	0.009	0.010	0.247	0.026
8	18	10	76	[illegible]	0.001	2.051	1.553	0.009	0.010	0.301	0.025
9	18	10	76	[illegible]	0.001	2.086	1.566	0.008	0.009	1.123	0.025
10	18	10	76	[illegible]	0.001	2.098	1.562	0.008	0.010	0.579	0.026
11	18	10	76	[illegible]	0.001	2.146	1.553	0.010	0.010	0.349	0.028
12	18	10	76	[illegible]	0.001	2.015	1.537	0.009	0.010	0.273	0.030
13	18	10	76	[illegible]	[illegible]	2.262	1.524	0.009	0.010	0.071	0.032
14	18	10	76	[illegible]	0.001	2.005	1.519	0.008	0.010	0.288	0.032
15	18	10	76	[illegible]	0.001	1.998	1.514	0.008	0.009	0.272	0.033
16	18	10	76	[illegible]	0.001	2.014	1.516	0.008	0.009	0.308	0.033
17	18	10	76	[illegible]	0.001	2.027	1.522	0.008	0.009	0.461	0.032
18	18	10	76	[illegible]	0.001	2.039	1.526	0.009	0.010	0.350	0.029
19	18	10	76	[illegible]	0.001	2.019	1.532	0.010	0.010	0.269	0.029
20	18	10	76	[illegible]	0.001	2.017	1.535	0.010	0.010	0.285	0.030
21	18	10	76	[illegible]	0.001	2.020	1.539	0.010	0.010	0.252	0.031
22	18	10	76	[illegible]	0.001	2.024	1.543	0.010	0.010	0.229	0.030
23	18	10	76	[illegible]	0.001	2.029	1.544	0.010	0.010	0.247	0.030

RIO BLANCO OIL SHALE PROJECT   SITE   ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	TFC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	19	10	76	[illegible]	0.001	2.035	1.544	0.010	0.010	0.193	0.031
1	19	10	76	[illegible]	0.001	2.035	1.544	0.010	0.010	0.243	0.032
2	19	10	76	[illegible]	0.001	2.036	1.543	0.010	0.010	0.216	0.031
3	19	10	76	[illegible]	0.001	2.041	1.547	0.010	0.010	0.187	0.032
4	19	10	76	[illegible]	0.001	2.042	1.549	0.010	0.010	0.191	0.034
5	19	10	76	[illegible]	0.001	2.026	1.538	0.010	0.010	0.222	0.035
6	19	10	76	[illegible]	0.001	2.019	1.535	0.009	0.010	0.233	0.037
7	19	10	76	[illegible]	0.001	2.024	1.534	0.009	0.010	0.233	0.036
8	19	10	76	[illegible]	0.001	2.031	1.534	0.009	0.010	0.250	0.035
9	19	10	76	[illegible]	0.001	2.026	1.527	0.008	0.010	0.217	0.035
10	19	10	76	[illegible]	0.001	2.014	1.520	0.008	0.009	0.238	0.036
11	19	10	76	[illegible]	0.001	2.046	1.519	0.007	0.009	0.309	0.037
12	19	10	76	[illegible]	0.001	2.133	1.520	0.007	0.008	0.263	0.038
13	19	10	76	[illegible]	0.001	2.049	1.514	0.007	0.009	0.370	0.039
14	19	10	76	[illegible]	0.001	2.0[illegible]6	1.515	0.008	0.009	0.317	0.040
15	19	10	76	[illegible]	0.001	2.024	1.518	0.008	0.009	0.377	0.041
16	19	10	76	[illegible]	0.001	2.029	1.530	0.008	0.009	0.353	0.040
17	19	10	76	[illegible]	0.001	2.06[illegible]	1.546	0.008	0.009	0.327	0.037
18	19	10	76	[illegible]	0.001	2.046	1.536	0.008	0.009	0.302	0.036
19	19	10	76	[illegible]	0.001	2.04[illegible]	1.532	0.009	0.010	0.303	0.036
20	19	10	76	[illegible]	0.001	2.06[illegible]	1.546	0.009	0.010	0.286	0.036
21	19	10	76	[illegible]	0.001	2.075	1.554	0.008	0.010	0.294	0.036
22	19	10	76	[illegible]	0.001	2.077	1.553	0.008	0.010	0.322	0.036
23	19	10	76	[illegible]	0.001	2.[illegible]62	1.547	0.009	0.010	0.264	0.038

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	20	10	76	[illegible]	0.001	2.046	1.537	0.009	0.010	0.299	0.039
1	20	10	76	[illegible]	0.001	2.054	1.543	0.009	0.010	0.306	0.038
2	20	10	76	[illegible]	0.001	2.051	1.539	0.009	0.010	0.268	0.038
3	20	10	76	[illegible]	0.001	2.044	1.536	0.009	0.010	0.328	0.036
4	20	10	76	[illegible]	0.001	2.042	1.533	0.009	0.010	0.354	0.038
5	20	10	76	[illegible]	0.001	2.046	1.530	0.009	0.010	0.364	0.039
6	20	10	76	[illegible]	0.001	2.044	1.533	0.009	0.010	0.342	0.040
7	20	10	76	[illegible]	0.001	2.031	1.526	0.009	0.010	0.369	0.040
8	20	10	76	[illegible]	0.001	2.026	1.520	0.009	0.010	0.329	0.041
9	20	10	76	[illegible]	0.001	2.047	1.518	0.008	0.009	0.347	0.037
10	20	10	76	[illegible]	0.001	99.000	99.000	0.008	0.009	0.331	0.039
11	20	10	76	[illegible]	0.001	99.000	99.000	0.007	0.009	0.296	0.039
12	20	10	76	[illegible]	0.001	99.000	99.000	0.007	0.008	0.307	0.030
13	20	10	76	[illegible]	0.001	1.844	1.563	0.007	0.009	0.365	0.039
14	20	10	76	[illegible]	0.001	1.820	1.561	0.007	0.009	0.367	0.040
15	20	10	76	[illegible]	0.001	1.806	1.584	0.007	0.009	0.386	0.040
16	20	10	76	[illegible]	0.001	1.775	1.563	0.008	0.009	0.333	0.039
17	20	10	76	[illegible]	0.001	1.798	1.573	0.008	0.009	0.341	0.039
18	20	10	76	[illegible]	0.001	1.850	1.595	0.008	0.009	0.361	0.037
19	20	10	76	[illegible]	0.001	1.854	1.600	0.008	0.009	0.302	0.038
20	20	10	76	[illegible]	0.001	1.876	1.613	0.008	0.009	0.297	0.039
21	20	10	76	[illegible]	0.001	1.878	1.614	0.008	0.009	0.293	0.040
22	20	10	76	[illegible]	0.001	1.888	1.623	0.008	0.009	0.340	0.041
23	20	10	76	[illegible]	0.001	1.886	1.620	0.008	0.009	0.303	0.041

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	10	76	[illegible]	0.001	1.833	1.597	0.008	0.009	0.275	0.039
1	21	10	76	[illegible]	0.001	1.823	1.591	0.008	0.009	0.271	0.038
2	21	10	76	[illegible]	0.001	1.844	1.603	0.008	0.009	0.280	0.038
3	21	10	76	[illegible]	0.001	1.852	1.603	0.008	0.009	0.319	0.038
4	21	10	76	[illegible]	0.001	1.839	1.600	0.008	0.009	0.297	0.039
5	21	10	76	[illegible]	0.001	1.830	1.595	0.008	0.009	0.282	0.040
6	21	10	76	[illegible]	0.001	1.832	1.597	0.008	0.009	0.256	0.039
7	21	10	76	[illegible]	0.001	1.837	1.599	0.007	0.009	0.287	0.039
8	21	10	76	[illegible]	0.001	1.860	1.595	0.008	0.009	0.281	0.038
9	21	10	76	[illegible]	0.001	1.848	1.590	0.007	0.008	0.251	0.036
10	21	10	76	[illegible]	0.001	1.819	1.570	0.007	0.008	0.240	0.038
11	21	10	76	[illegible]	0.001	99.000	1.542	0.007	0.008	0.239	0.038
12	21	10	76	[illegible]	0.001	99.000	1.539	0.006	0.008	1.322	0.038
13	21	10	76	[illegible]	0.001	99.000	1.543	0.007	0.008	0.636	0.038
14	21	10	76	[illegible]	0.001	99.000	1.560	0.005	0.007	0.395	0.039
15	21	10	76	[illegible]	0.001	99.000	1.563	0.005	0.007	0.427	0.041
16	21	10	76	[illegible]	0.001	99.000	1.584	0.006	0.007	0.538	0.042
17	21	10	76	[illegible]	0.001	99.000	1.620	0.005	0.008	0.298	0.041
18	21	10	76	[illegible]	0.001	99.000	1.636	0.005	0.008	0.263	0.039
19	21	10	76	[illegible]	0.001	1.882	1.623	0.005	0.008	0.290	0.039
20	21	10	76	[illegible]	0.001	1.857	1.611	0.006	0.008	0.252	0.038
21	21	10	76	[illegible]	0.001	1.784	1.572	0.007	0.008	0.212	0.037
22	21	10	76	[illegible]	0.001	1.762	1.558	0.008	0.008	0.251	0.038
23	21	10	76	[illegible]	0.001	1.758	1.555	0.008	0.009	0.303	0.038

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	22	10	76	[illegible]	0.001	1.765	1.563	0.008	0.008	0.325	0.039
1	22	10	76	[illegible]	0.001	1.770	1.565	0.008	0.008	0.337	0.040
2	22	10	76	[illegible]	0.001	1.772	1.568	0.008	0.008	0.335	0.040
3	22	10	76	[illegible]	0.001	1.780	1.571	0.007	0.008	0.374	0.040
4	22	10	76	[illegible]	0.001	1.781	1.573	0.007	0.008	0.322	0.040
5	22	10	76	[illegible]	0.001	1.805	1.575	0.007	0.008	0.472	0.038
6	22	10	76	[illegible]	0.001	1.787	1.575	0.007	0.008	0.365	0.038
7	22	10	76	[illegible]	0.001	1.798	1.580	0.006	0.007	0.409	0.039
8	22	10	76	[illegible]	0.001	1.820	1.583	0.006	0.007	0.383	0.039
9	22	10	76	[illegible]	0.001	1.802	1.584	0.006	0.007	0.365	0.038
10	22	10	76	[illegible]	0.001	1.795	1.581	0.006	0.007	0.359	0.039
11	22	10	76	[illegible]	0.001	1.796	1.578	0.005	0.007	0.425	0.040
12	22	10	76	[illegible]	0.001	1.800	1.578	0.005	0.007	0.335	0.040
13	22	10	76	[illegible]	0.001	1.793	1.577	0.005	0.007	0.358	0.039
14	22	10	76	[illegible]	0.001	1.815	1.591	0.005	0.007	0.327	0.040
15	22	10	76	[illegible]	0.001	1.797	1.576	0.006	0.008	0.262	0.038
16	22	10	76	[illegible]	0.001	1.772	1.563	0.007	0.008	0.248	0.037
17	22	10	76	[illegible]	0.001	1.794	1.578	0.006	0.007	0.231	0.038
18	22	10	76	[illegible]	0.001	1.819	1.610	0.006	0.007	0.174	0.040
19	22	10	76	[illegible]	0.001	1.824	1.611	0.006	0.007	0.171	0.039
20	22	10	76	[illegible]	0.001	1.819	1.613	0.007	0.008	0.205	0.040
21	22	10	76	[illegible]	0.001	1.815	1.603	0.007	0.008	0.174	0.041
22	22	10	76	[illegible]	0.001	1.811	1.605	0.007	0.008	0.182	0.040
23	22	10	76	[illegible]	0.001	1.817	1.604	0.007	0.008	0.100	0.040

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	23	10	76	0.0	0.001	1.805	1.599	0.007	0.008	0.072	0.040
1	23	10	76	0.0	0.001	1.803	1.596	0.007	0.008	0.087	0.039
2	23	10	76	0.0	0.001	1.801	1.596	0.007	0.008	0.079	0.039
3	23	10	76	0.0	0.001	1.800	1.597	0.007	0.008	0.073	0.039
4	23	10	76	0.0	0.001	1.808	1.601	0.006	0.008	0.125	0.038
5	23	10	76	0.0	0.001	1.819	1.608	0.006	0.008	0.111	0.038
6	23	10	76	0.0	0.001	1.808	1.602	0.006	0.008	0.101	0.038
7	23	10	76	0.0	0.001	1.801	1.597	0.007	0.008	0.068	0.038
8	23	10	76	0.0	0.001	1.796	1.593	0.007	0.008	0.035	0.038
9	23	10	76	0.0	0.001	1.790	1.588	0.007	0.008	0.020	0.039
10	23	10	76	0.0	0.001	1.782	1.581	0.007	0.008	0.047	0.039
11	23	10	76	0.0	0.001	1.773	1.570	0.006	0.008	0.089	0.039
12	23	10	76	0.0	0.001	1.771	1.564	0.006	0.008	0.102	0.040
13	23	10	76	0.0	0.001	1.786	1.569	0.006	0.008	0.120	0.040
14	23	10	76	0.0	0.001	1.767	1.562	0.007	0.008	0.176	0.040
15	23	10	76	0.0	0.001	99.000	99.000	0.007	0.008	0.195	0.039
16	23	10	76	0.0	0.001	99.000	99.000	0.008	0.008	0.216	0.039
17	23	10	76	0.0	0.001	99.000	99.000	0.008	0.008	0.212	0.038
18	23	10	76	99.000	99.000	99.000	99.000	0.007	0.008	0.226	0.038
19	23	10	76	99.000	99.000	99.000	99.000	0.007	0.008	0.094	0.038
20	23	10	76	0.0	0.001	1.777	1.576	0.007	0.008	0.0	0.038
21	23	10	76	0.0	0.001	1.779	1.577	0.006	0.007	0.0	0.037
22	23	10	76	0.0	0.001	1.773	1.571	0.006	0.007	0.0	0.037
23	23	10	76	0.0	0.001	1.766	1.569	0.007	0.008	0.0	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	24	10	76	0.0	0.001	1.774	1.554	0.007	0.008	0.007	0.036
1	24	10	76	0.0	0.001	1.779	1.563	0.006	0.008	0.009	0.036
2	24	10	76	0.0	0.001	1.770	1.561	0.006	0.008	0.035	0.037
3	24	10	76	0.0	0.001	1.770	1.558	0.006	0.008	0.081	0.038
4	24	10	76	0.0	0.001	1.765	1.557	0.006	0.008	0.064	0.039
5	24	10	76	0.0	0.001	1.764	1.557	0.006	0.008	0.051	0.038
6	24	10	76	0.0	0.001	1.762	1.556	0.006	0.008	0.044	0.038
7	24	10	76	0.0	0.001	1.773	1.564	0.007	0.008	0.009	0.039
8	24	10	76	0.0	0.001	1.774	1.566	0.006	0.008	0.026	0.038
9	24	10	76	0.0	0.001	1.769	1.560	0.006	0.008	0.069	0.039
10	24	10	76	0.0	0.001	1.776	1.563	0.006	0.008	0.027	0.039
11	24	10	76	0.0	0.001	1.773	1.558	0.006	0.008	0.029	0.040
12	24	10	76	0.0	0.001	1.769	1.551	0.006	0.008	0.064	0.041
13	24	10	76	0.0	0.001	1.744	1.545	0.006	0.008	0.086	0.040
14	24	10	76	0.0	0.001	1.747	1.550	0.006	0.008	0.133	0.040
15	24	10	76	0.0	0.001	1.763	1.554	0.007	0.008	0.196	0.040
16	24	10	76	0.0	0.001	1.764	1.561	0.007	0.008	0.205	0.040
17	24	10	76	0.0	0.001	1.786	1.578	0.007	0.008	0.236	0.039
18	24	10	76	0.0	0.001	1.789	1.581	0.007	0.008	0.262	0.038
19	24	10	76	0.0	0.001	1.784	1.584	0.008	0.008	0.314	0.039
20	24	10	76	0.0	0.001	1.79[illegible]	1.589	0.008	0.008	0.305	0.040
21	24	10	76	0.0	0.001	1.798	1.595	0.007	0.009	0.313	0.039
22	24	10	76	0.0	0.001	1.799	1.599	0.007	0.009	0.363	0.039
23	24	10	76	0.0	0.001	1.808	1.598	0.007	0.009	0.370	0.039

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	25	1	76	0.0	0.001	1.798	1.595	0.007	0.009	0.336	0.039
1	25	1	76	0.0	0.001	1.783	1.583	0.007	0.008	0.288	0.040
2	25	1	76	0.0	0.001	1.783	1.579	0.007	0.009	0.217	0.039
3	25	1	76	0.0	0.001	1.782	1.583	0.008	0.009	0.221	0.039
4	25	1	76	0.0	0.001	1.776	1.582	0.007	0.008	0.231	0.038
5	25	1	76	0.0	0.001	1.781	1.578	0.007	0.008	0.310	0.037
6	25	1	76	0.0	0.001	1.779	1.577	0.008	0.009	0.254	0.037
7	25	1	76	0.0	0.001	1.786	1.579	0.008	0.009	0.284	0.037
8	25	1	76	0.0	0.001	1.809	1.578	0.008	0.009	0.194	0.036
9	25	1	76	0.0	0.001	1.777	1.572	0.008	0.008	0.210	0.037
10	25	1	76	0.0	0.001	1.772	1.569	0.007	0.008	0.182	0.037
11	25	1	76	0.0	0.001	1.767	1.566	0.007	0.008	0.185	0.038
12	25	1	76	0.0	0.001	1.774	1.565	0.007	0.008	0.125	0.037
13	25	1	76	0.0	0.001	1.793	1.579	0.006	0.008	0.168	0.037
14	25	1	76	0.0	0.001	1.807	1.593	0.006	0.008	0.115	0.036
15	25	1	76	0.0	0.001	1.798	1.585	0.006	0.007	0.092	0.036
16	25	1	76	0.0	0.001	99.000	99.000	0.005	0.007	0.0	0.036
17	25	1	76	0.0	0.001	99.000	99.000	0.006	0.007	0.0	0.036
18	25	1	76	0.0	0.001	99.000	99.000	0.006	0.007	0.0	0.032
19	25	1	76	0.0	0.001	1.799	1.597	0.006	0.007	0.037	0.033
20	25	1	76	0.0	0.001	1.804	1.598	0.006	0.007	0.100	0.033
21	25	1	76	0.0	0.001	1.801	1.593	0.006	0.007	0.077	0.031
22	25	1	76	0.0	0.001	1.795	1.592	0.006	0.008	0.026	0.035
23	25	1	76	0.0	0.001	1.807	1.593	0.006	0.008	0.024	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	26	10	76	0.0	0.001	1.796	1.593	0.007	0.008	0.080	0.032
1	26	10	76	0.0	0.001	1.798	1.596	0.007	0.008	0.135	0.032
2	26	10	76	0.0	0.001	1.802	1.602	0.007	0.008	0.242	0.032
3	26	10	76	0.0	0.001	1.814	1.602	0.007	0.008	0.227	0.032
4	26	10	76	0.0	0.001	1.807	1.604	0.007	0.008	0.225	0.033
5	26	10	76	0.0	0.001	1.807	1.607	0.007	0.008	0.251	0.034
6	26	10	76	0.0	0.001	1.804	1.606	0.007	0.008	0.229	0.033
7	26	10	76	0.0	0.001	1.805	1.607	0.006	0.008	0.211	0.031
8	26	10	76	0.0	0.001	1.819	1.609	0.006	0.008	0.197	0.031
9	26	10	76	0.0	0.001	1.836	1.610	0.006	0.007	0.201	0.031
10	26	10	76	0.0	0.001	1.826	1.607	0.006	0.007	0.128	0.031
11	26	10	76	0.0	0.001	1.808	1.604	0.006	0.007	0.139	0.032
12	26	10	76	0.0	0.001	1.814	1.612	0.006	0.007	0.136	0.032
13	26	10	76	0.0	0.001	1.836	1.613	0.006	0.007	0.129	0.032
14	26	10	76	0.0	0.001	1.834	1.616	0.006	0.008	0.270	0.034
15	26	10	76	0.0	0.001	1.840	1.623	0.006	0.008	0.217	0.033
16	26	10	76	0.0	0.001	1.833	1.612	0.006	0.007	0.259	0.032
17	26	10	76	0.0	0.001	1.852	1.610	0.005	0.007	0.316	0.032
18	26	10	76	0.0	0.001	1.829	1.616	0.007	0.008	0.061	0.032
19	26	10	76	0.0	0.001	1.862	1.62[illegible]	0.007	0.008	0.087	0.032
20	26	10	76	0.0	0.001	1.841	1.625	0.007	0.008	0.060	0.031
21	26	10	76	0.0	0.001	1.845	1.632	0.007	0.008	0.271	0.029
22	26	10	76	0.0	0.001	1.946	1.634	0.008	0.008	0.177	0.028
23	26	10	76	0.0	0.001	1.854	1.632	0.007	0.008	0.063	0.028

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	27	10	76	[illegible]	0.001	1.851	1.633	0.007	0.008	0.084	0.028
1	27	10	76	[illegible]	0.001	1.836	1.632	0.008	0.008	0.088	0.028
2	27	10	76	[illegible]	0.001	1.833	1.630	0.008	0.008	0.050	0.028
3	27	10	76	[illegible]	0.001	1.838	1.631	0.008	0.008	0.102	0.028
4	27	10	76	[illegible]	0.001	1.837	1.632	0.008	0.008	0.074	0.028
5	27	10	76	[illegible]	0.001	1.835	1.630	0.008	0.008	0.107	0.030
6	27	10	76	[illegible]	0.001	1.854	1.634	0.008	0.008	0.140	0.029
7	27	10	76	[illegible]	0.001	1.867	1.647	0.008	0.008	0.160	0.028
8	27	10	76	[illegible]	0.001	1.876	1.655	0.007	0.008	0.112	0.028
9	27	10	76	[illegible]	0.001	1.866	1.639	0.007	0.008	0.184	0.030
10	27	10	76	[illegible]	0.001	1.882	1.628	0.007	0.008	0.038	0.030
11	27	10	76	[illegible]	0.001	1.838	1.620	0.007	0.008	0.038	0.032
12	27	10	76	[illegible]	0.001	1.821	1.611	0.006	0.008	0.117	0.033
13	27	10	76	[illegible]	0.001	1.822	1.607	0.006	0.008	0.207	0.034
14	27	10	76	[illegible]	0.001	99.000	99.000	0.006	0.008	0.195	0.034
15	27	10	76	[illegible]	0.001	99.000	99.000	0.006	0.008	0.136	0.034
16	27	10	76	[illegible]	0.001	1.838	1.502	0.006	0.008	0.310	0.034
17	27	10	76	[illegible]	0.001	1.754	1.533	0.006	0.008	0.293	0.033
18	27	10	76	[illegible]	0.001	1.738	1.541	0.007	0.008	0.237	0.031
19	27	10	76	[illegible]	0.001	1.734	1.549	0.007	0.008	0.186	0.031
20	27	10	76	[illegible]	0.001	1.741	1.557	0.007	0.008	0.229	0.032
21	27	10	76	[illegible]	0.001	1.745	1.559	0.007	0.008	0.167	0.032
22	27	10	76	0.025	0.007	1.751	1.564	0.007	0.008	0.253	0.033
23	27	10	76	0.019	[illegible]	1.761	1.574	0.008	0.008	0.224	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
[illegible]	28	10	76	0.003	0.004	1.761	1.569	0.008	0.008	0.200	0.034
1	28	10	76	[illegible]	0.001	1.761	1.567	0.008	0.008	0.177	0.034
2	28	10	76	[illegible]	0.001	1.756	1.566	0.008	0.008	0.156	0.033
3	28	10	76	[illegible]	0.001	1.755	1.564	0.008	0.008	0.124	0.034
4	28	10	76	[illegible]	0.001	1.751	1.563	0.008	0.008	0.159	0.033
5	28	10	76	[illegible]	0.001	1.754	1.565	0.008	0.008	0.129	0.033
6	28	10	76	[illegible]	[illegible]	1.764	1.570	0.008	0.009	0.122	0.034
7	28	10	76	[illegible]	[illegible]	1.764	1.568	0.007	0.008	0.147	0.034
8	28	10	76	[illegible]	0.001	1.873	1.577	0.006	0.008	0.310	0.033
9	28	10	76	[illegible]	0.001	1.8[illegible]4	1.572	0.007	0.008	0.279	0.032
10	28	10	76	[illegible]	0.001	1.851	1.558	0.007	0.008	0.219	0.032
11	28	10	76	[illegible]	[illegible]	1.770	1.543	0.006	0.007	0.171	0.032
12	28	10	76	[illegible]	[illegible]	1.757	1.529	0.006	0.007	0.236	0.03[illegible]
13	28	10	76	[illegible]	[illegible]	1.752	1.526	0.006	0.007	0.317	0.033
14	28	10	76	[illegible]	[illegible]	1.770	1.527	0.006	0.007	0.190	0.033
15	28	10	76	[illegible]	[illegible]	1.753	1.531	0.006	0.008	0.213	0.033
16	28	10	76	[illegible]	[illegible]	1.733	1.525	0.006	0.008	0.240	0.034
17	28	10	76	[illegible]	[illegible]	1.722	1.519	0.007	0.008	0.240	0.034
18	28	10	76	[illegible]	[illegible]	1.761	1.542	0.007	0.008	0.230	0.033
19	28	10	76	[illegible]	[illegible]	1.781	1.555	0.007	0.008	0.149	0.034
20	28	10	76	[illegible]	[illegible]	1.75[illegible]	1.542	0.007	0.008	0.104	0.035
21	28	10	76	[illegible]	[illegible]	1.745	1.539	0.007	0.008	0.143	0.036
22	28	10	76	[illegible]	[illegible]	1.78[illegible]	1.564	0.007	0.008	0.138	0.034
23	28	10	76	[illegible]	[illegible]	1.8[illegible]4	1.577	0.007	0.008	0.155	0.032

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	10	76	0.0	0.0	1.791	1.569	0.007	0.008	0.096	0.032
1	29	10	76	0.0	0.0	1.804	1.572	0.007	0.008	0.155	0.033
2	29	10	76	0.0	0.0	1.807	1.570	0.007	0.008	0.147	0.035
3	29	10	76	0.0	0.0	1.781	1.558	0.007	0.008	0.159	0.036
4	29	10	76	[illegible]	0.0	1.793	1.566	0.007	0.008	0.201	0.035
5	29	10	76	0.0	0.0	1.797	1.569	0.007	0.008	0.146	0.035
6	29	10	76	0.0	0.0	1.797	1.568	0.007	0.008	0.189	0.036
7	29	10	76	0.0	0.0	1.806	1.572	0.008	0.009	0.210	0.036
8	29	10	76	0.0	0.0	1.818	1.575	0.008	0.010	0.204	0.035
9	29	10	76	0.0	0.0	1.813	1.568	0.007	0.008	0.117	0.032
10	29	10	76	0.0	0.0	1.809	1.559	0.005	0.007	0.120	0.032
11	29	10	76	0.0	0.0	1.803	1.553	0.004	0.006	0.168	0.032
12	29	10	76	0.0	0.0	1.794	1.546	0.004	0.006	0.186	0.033
13	29	10	76	0.0	0.001	99.000	99.000	0.004	0.007	0.174	0.036
14	29	10	76	[illegible]	0.001	99.000	99.000	0.005	0.007	0.183	0.035
15	29	10	76	0.0	0.001	1.783	1.544	0.005	0.007	0.197	0.036
16	29	10	76	[illegible]	0.001	1.800	1.556	0.005	0.007	0.268	0.036
17	29	10	76	0.0	0.001	1.778	1.546	0.006	0.008	0.274	0.036
18	29	10	76	0.0	0.001	1.761	1.544	0.008	0.009	0.231	0.037
19	29	10	76	0.0	0.001	1.790	1.566	0.008	0.009	0.180	0.037
20	29	10	76	0.0	0.001	1.801	1.571	0.008	0.010	0.182	0.037
21	29	10	76	0.0	0.001	1.797	1.569	0.008	0.010	0.177	0.038
22	29	10	76	0.0	0.001	1.778	1.561	0.008	0.010	0.118	0.038
23	29	10	76	0.0	0.001	1.806	1.574	0.008	0.010	0.089	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	30	10	76	0.00	0.001	1.818	1.579	0.008	0.010	0.111	0.037
1	30	10	76	0.00	0.001	1.834	1.585	0.008	0.010	0.153	0.037
2	30	10	76	0.00	0.001	1.832	1.590	0.008	0.010	0.198	0.037
3	30	10	76	0.00	0.001	1.831	1.587	0.008	0.010	0.132	0.038
4	30	10	76	0.00	0.001	1.828	1.586	0.008	0.010	0.137	0.037
5	30	10	76	0.00	0.001	1.834	1.588	0.008	0.009	0.192	0.038
6	30	10	76	0.00	0.001	1.845	1.585	0.008	0.010	0.198	0.036
7	30	10	76	0.00	0.001	1.833	1.587	0.008	0.010	0.185	0.036
8	30	10	76	0.00	0.001	1.844	1.586	0.008	0.009	0.176	0.034
9	30	10	76	0.00	0.001	1.845	1.584	0.007	0.008	0.164	0.035
10	30	10	76	0.00	0.001	1.804	1.561	0.005	0.007	0.144	0.036
11	30	10	76	0.00	0.001	1.773	1.545	0.004	0.007	0.192	0.038
12	30	10	76	0.00	0.001	1.764	1.540	0.005	0.007	0.244	0.038
13	30	10	76	0.00	0.001	1.745	1.526	0.005	0.007	0.252	0.038
14	30	10	76	0.00	0.001	1.734	1.523	0.005	0.006	0.239	0.038
15	30	10	76	0.00	0.001	1.740	1.525	0.005	0.006	0.288	0.039
16	30	10	76	0.00	0.001	1.752	1.528	0.005	0.007	0.292	0.038
17	30	10	76	0.00	0.001	1.764	1.536	0.005	0.007	0.294	0.037
18	30	10	76	0.00	0.001	1.760	1.544	0.007	0.009	0.282	0.036
19	30	10	76	0.00	0.001	1.761	1.549	0.008	0.009	0.274	0.036
20	30	10	76	0.00	0.001	1.762	1.553	0.008	0.009	0.226	0.036
21	30	10	76	0.00	0.001	1.767	1.556	0.008	0.009	0.213	0.037
22	30	10	76	0.00	0.001	1.773	1.559	0.007	0.009	0.186	0.037
23	30	10	76	0.00	0.001	1.776	1.560	0.007	0.008	0.131	0.037

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	31	10	76	0.0	0.001	1.777	1.562	0.008	0.009	0.140	0.037
1	31	10	76	0.0	0.001	1.781	1.563	0.007	0.009	0.099	0.038
2	31	10	76	0.0	0.001	1.783	1.563	0.008	0.009	0.042	0.038
3	31	10	76	0.0	0.001	1.784	1.562	0.008	0.009	0.065	0.038
4	31	10	76	0.0	0.001	1.792	1.563	0.008	0.009	0.071	0.038
5	31	10	76	0.0	0.001	1.785	1.563	0.008	0.009	0.044	0.037
6	31	10	76	0.0	0.001	1.790	1.566	0.008	0.009	0.019	0.036
7	31	10	76	0.0	0.001	1.786	1.564	0.008	0.009	0.040	0.036
8	31	10	76	0.0	0.001	1.792	1.562	0.007	0.008	0.0	0.034
9	31	10	76	0.0	0.001	1.815	1.561	0.005	0.007	0.021	0.033
10	31	10	76	0.0	0.001	1.786	1.552	0.004	0.006	0.009	0.034
11	31	10	76	0.0	0.001	1.765	1.545	0.004	0.006	0.043	0.037
12	31	10	76	0.0	0.001	1.780	1.555	0.005	0.007	0.073	0.038
13	31	10	76	0.0	0.001	1.812	1.572	0.005	0.007	0.109	0.039
14	31	10	76	0.0	0.001	1.798	1.564	0.006	0.008	0.103	0.038
15	31	10	76	0.0	0.001	1.826	1.575	0.006	0.008	0.091	0.038
16	31	10	76	0.0	0.001	1.795	1.559	0.006	0.008	0.141	0.037
17	31	10	76	0.0	0.001	1.769	1.545	0.008	0.009	0.166	0.036
18	31	10	76	0.0	0.001	1.767	1.545	0.008	0.009	0.131	0.036
19	31	10	76	0.0	0.001	1.788	1.563	0.008	0.009	0.098	0.036
20	31	10	76	0.0	0.001	1.810	1.571	0.008	0.009	0.116	0.037
21	31	10	76	0.0	0.001	1.813	1.574	0.008	0.009	0.139	0.037
22	31	10	76	0.0	0.001	1.795	1.575	0.008	0.010	0.102	0.036
23	31	10	76	0.0	0.001	1.788	1.572	0.009	0.010	0.132	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++	+-------	--------	--------	--------	--------	--------	--------	--------
0	1	11	76	0.0	0.001	1.788	1.572	0.009	0.010	0.124	0.036
1	1	11	76	0.0	0.001	1.785	1.571	0.009	0.010	0.105	0.036
2	1	11	76	0.0	0.001	1.783	1.569	0.009	0.010	0.119	0.036
3	1	11	76	0.0	0.001	1.781	1.569	0.009	0.010	0.145	0.036
4	1	11	76	0.0	0.001	1.782	1.569	0.009	0.010	0.127	0.036
5	1	11	76	0.0	0.001	1.789	1.571	0.009	0.010	0.149	0.037
6	1	11	76	0.0	0.001	1.785	1.568	0.010	0.011	0.162	0.037
7	1	11	76	0.0	0.001	1.788	1.569	0.009	0.010	0.289	0.037
8	1	11	76	0.0	0.001	1.822	1.563	0.009	0.010	0.273	0.036
9	1	11	76	0.0	0.001	1.787	1.553	0.008	0.009	0.140	0.033
10	1	11	76	0.0	0.001	1.804	1.546	0.007	0.008	0.204	0.032
11	1	11	76	0.0	0.001	1.768	1.539	0.007	0.008	0.089	0.036
12	1	11	76	0.0	0.001	1.759	1.538	0.007	0.008	0.108	0.037
13	1	11	76	0.0	0.001	1.768	1.540	0.007	0.008	0.172	0.038
14	1	11	76	0.0	0.001	1.781	1.556	0.005	0.007	0.151	0.039
15	1	11	76	0.0	0.001	1.830	1.569	0.003	0.005	0.554	0.039
16	1	11	76	0.0	0.001	99.000	99.000	0.005	0.007	0.187	0.038
17	1	11	76	0.0	0.001	99.000	99.000	0.007	0.008	0.175	0.036
18	1	11	76	99.000	99.000	1.765	1.549	0.008	0.009	0.130	0.035
19	1	11	76	99.000	99.000	1.781	1.565	0.009	0.010	0.072	0.035
20	1	11	76	0.0	0.001	1.785	1.563	0.010	0.011	0.045	0.036
21	1	11	76	0.0	0.001	1.789	1.561	0.010	0.011	0.0	0.036
22	1	11	76	0.0	0.001	1.791	1.561	0.010	0.011	0.040	0.037
23	1	11	76	0.0	0.001	1.785	1.562	0.010	0.011	0.024	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	11	76	0.0	0.001	1.786	1.563	0.011	0.011	0.026	0.034
1	2	11	76	0.0	0.001	1.789	1.563	0.009	0.011	0.045	0.033
2	2	11	76	0.0	0.001	1.790	1.563	0.009	0.010	0.020	0.033
3	2	11	76	0.0	0.001	1.797	1.566	0.009	0.010	0.018	0.035
4	2	11	76	0.0	0.001	1.811	1.573	0.009	0.010	0.042	0.036
5	2	11	76	0.0	0.001	1.822	1.58[illegible]	0.009	0.010	0.050	0.036
6	2	11	76	0.0	0.001	1.821	1.579	0.008	0.010	0.065	0.036
7	2	11	76	0.0	0.001	1.823	1.58[illegible]	0.009	0.010	0.092	0.036
8	2	11	76	0.0	0.001	1.84[illegible]	1.584	0.007	0.009	0.073	0.036
9	2	11	76	0.0	0.001	1.826	1.573	0.006	0.008	0.092	0.036
10	2	11	76	0.0	0.001	1.787	1.548	0.005	0.007	0.035	0.036
11	2	11	76	0.0	0.001	1.779	1.541	0.004	0.006	0.048	0.036
12	2	11	76	0.0	0.001	1.775	1.539	0.005	0.006	0.081	0.037
13	2	11	76	0.0	0.001	1.764	1.538	0.005	0.006	0.087	0.037
14	2	11	76	0.0	0.001	1.775	1.539	0.005	0.006	0.136	0.034
15	2	11	76	0.0	0.001	1.77[illegible]	1.539	0.004	0.005	0.0	0.032
16	2	11	76	0.0	0.001	1.82[illegible]	1.554	0.005	0.005	0.245	0.034
17	2	11	76	0.0	0.001	1.855	1.577	0.003	0.007	0.0	0.033
18	2	11	76	0.0	0.001	1.842	1.578	0.003	0.006	0.080	0.033
19	2	11	76	0.0	0.001	1.815	1.573	0.005	0.006	0.0	0.034
20	2	11	76	0.0	0.001	1.807	1.57[illegible]	0.005	0.007	0.0	0.034
21	2	11	76	0.0	0.001	1.81[illegible]	1.572	0.006	0.007	0.0	0.034
22	2	11	76	0.0	0.001	1.832	1.581	0.006	0.007	0.0	0.035
23	2	11	76	0.0	0.001	1.834	1.582	0.005	0.006	0.0	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	11	76	0.0	0.001	1.821	1.583	0.005	0.006	0.0	0.032
1	3	11	76	0.0	0.001	1.833	1.583	0.005	0.007	0.0	0.034
2	3	11	76	0.0	0.001	1.842	1.586	0.005	0.007	0.0	0.034
3	3	11	76	0.0	0.001	1.856	1.595	0.005	0.007	0.0	0.035
4	3	11	76	0.0	0.001	1.879	1.601	0.005	0.007	0.0	0.034
5	3	11	76	0.0	0.001	1.879	1.608	0.005	0.007	0.0	0.034
6	3	11	76	0.0	0.001	1.855	1.600	0.005	0.007	0.0	0.034
7	3	11	76	0.0	0.001	1.834	1.586	0.004	0.006	0.0	0.030
8	3	11	76	0.0	0.001	1.827	1.580	0.003	0.005	0.0	0.027
9	3	11	76	0.0	0.001	1.826	1.577	0.002	0.004	0.0	0.028
10	3	11	76	0.0	0.001	1.818	1.571	0.002	0.004	0.0	0.030
11	3	11	76	0.0	0.001	1.8[illegible]5	1.564	0.002	0.004	0.0	0.031
12	3	11	76	0.0	0.001	1.789	1.551	0.003	0.004	0.0	0.03[illegible]
13	3	11	76	0.0	0.001	1.785	1.549	0.002	0.004	0.0	0.032
14	3	11	76	0.0	0.001	1.8[illegible]7	1.568	0.002	0.004	0.0	0.033
15	3	11	76	0.0	0.001	1.8[illegible]1	1.570	0.003	0.004	0.0	0.033
16	3	11	76	0.0	0.001	1.842	1.568	0.003	0.004	0.0	0.034
17	3	11	76	0.0	0.001	1.8[illegible]	1.566	0.003	0.004	0.0	0.033
18	3	11	76	0.0	0.001	1.791	1.566	0.003	0.005	0.0	0.032
19	3	11	76	0.0	0.001	1.797	1.575	0.003	0.005	0.0	0.033
20	3	11	76	0.0	0.001	1.80[illegible]	1.576	0.003	0.005	0.0	0.033
21	3	11	76	0.0	0.001	1.8[illegible]6	1.581	0.004	0.005	0.0	0.033
22	3	11	76	0.0	0.001	1.812	1.584	0.004	0.005	0.0	0.034
23	3	11	76	0.0	0.001	1.813	1.584	0.004	0.005	0.0	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	4	11	76	0.0	0.001	1.816	1.585	0.003	0.005	0.0	0.033
1	4	11	76	0.0	0.001	1.819	1.587	0.003	0.005	0.0	0.034
2	4	11	76	0.0	0.001	1.818	1.586	0.004	0.005	0.0	0.033
3	4	11	76	0.0	0.001	1.814	1.584	0.004	0.005	0.0	0.034
4	4	11	76	0.0	0.001	1.813	1.583	0.005	0.006	0.0	0.033
5	4	11	76	0.0	0.001	1.824	1.587	0.005	0.006	0.0	0.034
6	4	11	76	0.0	0.001	1.840	1.597	0.005	0.006	0.0	0.034
7	4	11	76	0.0	0.001	1.836	1.595	0.005	0.007	0.0	0.032
8	4	11	76	0.0	0.001	1.843	1.587	0.004	0.006	0.0	0.030
9	4	11	76	0.0	0.001	1.834	1.577	0.003	0.005	0.0	0.029
10	4	11	76	0.0	0.001	1.825	1.571	0.003	0.005	0.0	0.030
11	4	11	76	0.0	0.001	1.819	1.560	0.003	0.004	0.0	0.031
12	4	11	76	0.0	0.001	1.825	1.563	0.004	0.005	0.0	0.034
13	4	11	76	0.0	0.001	1.787	1.548	0.005	0.006	0.0	0.036
14	4	11	76	0.0	0.001	1.820	1.560	0.006	0.007	0.0	0.036
15	4	11	76	0.0	0.001	1.819	1.567	0.006	0.007	0.0	0.036
16	4	11	76	0.0	0.001	1.808	1.560	0.008	0.009	0.0	0.035
17	4	11	76	0.0	0.001	1.884	1.597	0.007	0.009	0.0	0.035
18	4	11	76	0.0	0.001	1.913	1.615	0.008	0.009	0.0	0.035
19	4	11	76	0.0	0.001	1.917	1.622	0.008	0.009	0.0	0.033
20	4	11	76	0.0	0.001	1.914	1.623	0.007	0.009	0.0	0.034
21	4	11	76	0.0	0.001	1.865	1.601	0.008	0.009	0.0	0.034
22	4	11	76	0.0	0.001	1.839	1.588	0.008	0.009	0.0	0.034
23	4	11	76	0.0	0.001	1.827	1.581	0.008	0.009	0.0	0.034

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                              RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                        AIR  QUALITY  DATA
HR  DY  MO  YR          SO2      H2S      THC     CH4       NOX      NO        CO        O3
++  ++  ++  ++     +-------------------------------------------------------------------------

 0   5  11  76         0.0    0.001    1.819   1.576     0.008    0.009     0.0     0.034

 1   5  11  76         0.0    0.001    1.817   1.577     0.009    0.010     0.0     0.035

 2   5  11  76         0.0    0.001    1.819   1.578     0.009    0.010     0.0     0.035

 3   5  11  76         0.0    0.001    1.821   1.579     0.009    0.010     0.0     0.034

 4   5  11  76         0.0    0.001    1.828   1.583     0.009    0.010     0.0     0.035

 5   5  11  76         0.0    0.001    1.845   1.592     0.008    0.010     0.0     0.036

 6   5  11  76         0.0    0.001    1.849   1.591     0.008    0.010     0.0     0.036

 7   5  11  76         0.0    0.001    1.846   1.593     0.008    0.010     0.0     0.036

 8   5  11  76         0.0    0.001    1.853   1.591     0.008    0.010     0.0     0.037

 9   5  11  76         0.0    0.001    1.857   1.581     0.006    0.008     0.0     0.036

10   5  11  76         0.0    0.001    1.845   1.566     0.005    0.007     0.0     0.035

11   5  11  76         0.0    0.001    1.814   1.554     0.005    0.007     0.0     0.035

12   5  11  76         0.0    0.001    1.802   1.547     0.006    0.008     0.0     0.036

13   5  11  76         0.0    0.001   99.000  99.000     0.006    0.008     0.0     0.037

14   5  11  76         0.0    0.001   99.000  99.000     0.005    0.007     0.0     0.037

15   5  11  76         0.0    0.001    1.749   1.553     0.006    0.008     0.0     0.038

16   5  11  76         0.0    0.001    1.768   1.585     0.005    0.007     0.0     0.038

17   5  11  76         0.0    0.001    1.786   1.591     0.008    0.009     0.022   0.036

18   5  11  76         0.0    0.001    1.829   1.618     0.009    0.010     0.004   0.035

19   5  11  76         0.0    0.001    1.841   1.639     0.008    0.010     0.0     0.036

20   5  11  76         0.0    0.001    1.843   1.642     0.008    0.010     0.0     0.036

21   5  11  76         0.0    0.001    1.835   1.635     0.008    0.010     0.0     0.037

22   5  11  76         0.0    0.001    1.793   1.615     0.009    0.010     0.0     0.036

23   5  11  76         0.0    0.001    1.774   1.634     0.009    0.010     0.0     0.036
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AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	11	76	0.0	0.001	1.763	1.598	0.010	0.010	0.0	0.037
1	6	11	76	0.0	0.001	1.760	1.599	0.010	0.010	0.0	0.037
2	6	11	76	0.0	0.001	1.757	1.597	0.010	0.010	0.0	0.037
3	6	11	76	0.0	0.001	1.747	1.591	0.010	0.010	0.0	0.036
4	6	11	76	0.0	0.001	1.74[illegible]	1.586	0.010	0.010	0.0	0.036
5	6	11	76	0.0	0.001	1.738	1.585	0.010	0.010	0.0	0.035
6	6	11	76	0.0	0.001	1.745	1.589	0.010	0.010	0.0	0.035
7	6	11	76	0.0	0.001	1.745	1.590	0.010	0.010	0.0	0.036
8	6	11	76	0.0	0.001	1.758	1.592	0.009	0.010	0.0	0.035
9	6	11	76	0.0	0.001	1.757	1.584	0.009	0.010	0.0	0.034
10	6	11	76	0.0	0.001	1.743	1.575	0.008	0.009	0.0	0.032
11	6	11	76	0.0	0.001	1.739	1.571	0.008	0.009	0.0	0.034
12	6	11	76	0.0	0.001	1.732	1.566	0.008	0.009	0.0	0.035
13	6	11	76	0.0	0.001	1.728	1.566	0.008	0.009	0.0	0.035
14	6	11	76	0.0	0.001	1.735	1.573	0.008	0.009	0.0	0.035
15	6	11	76	0.0	0.001	1.728	1.578	0.009	0.010	0.0	0.035
16	6	11	76	0.0	0.001	1.724	1.581	0.009	0.010	0.0	0.034
17	6	11	76	0.0	0.001	1.735	1.588	0.009	0.010	0.0	0.034
18	6	11	76	0.0	0.001	1.742	1.594	0.009	0.010	0.0	0.032
19	6	11	76	0.0	0.001	1.768	1.608	0.009	0.010	0.0	0.032
20	6	11	76	0.0	0.001	1.780	1.620	0.009	0.010	0.0	0.031
21	6	11	76	0.0	0.001	1.795	1.632	0.009	0.010	0.0	0.031
22	6	11	76	0.0	0.001	1.802	1.636	0.009	0.010	0.0	0.032
23	6	11	76	0.0	0.001	1.797	1.636	0.009	0.010	0.0	0.032

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	7	11	76	0.0	0.001	1.798	1.635	0.009	0.010	0.0	0.033
1	7	11	76	0.0	0.001	1.789	1.630	0.009	0.010	0.0	0.034
2	7	11	76	0.0	0.001	1.790	1.631	0.009	0.010	0.0	0.032
3	7	11	76	0.0	0.001	1.791	1.633	0.009	0.010	0.0	0.031
4	7	11	76	0.0	0.001	1.791	1.630	0.009	0.010	0.0	0.032
5	7	11	76	0.0	0.001	1.790	1.630	0.009	0.010	0.0	0.032
6	7	11	76	0.0	0.001	1.796	1.627	0.009	0.010	0.0	0.032
7	7	11	76	0.0	0.001	1.792	1.624	0.009	0.010	0.0	0.032
8	7	11	76	0.0	0.001	1.808	1.626	0.009	0.010	0.0	0.031
9	7	11	76	0.0	0.001	1.810	1.617	0.008	0.010	0.0	0.030
10	7	11	76	0.0	0.001	1.795	1.608	0.007	0.009	0.0	0.029
11	7	11	76	0.0	0.001	1.772	1.594	0.005	0.007	0.0	0.032
12	7	11	76	0.0	0.001	1.762	1.589	0.006	0.008	0.006	0.034
13	7	11	76	0.0	0.001	1.771	1.598	0.007	0.008	0.0	0.036
14	7	11	76	0.0	0.001	1.802	1.623	0.007	0.009	0.0	0.037
15	7	11	76	0.0	0.001	1.809	1.630	0.007	0.009	0.0	0.037
16	7	11	76	0.0	0.001	1.821	1.641	0.007	0.009	0.0	0.036
17	7	11	76	0.0	0.001	1.825	1.640	0.007	0.009	0.0	0.034
18	7	11	76	0.0	0.001	1.807	1.630	0.008	0.010	0.0	0.036
19	7	11	76	0.0	0.001	1.792	1.623	0.009	0.010	0.0	0.038
20	7	11	76	0.0	0.001	1.787	1.621	0.009	0.010	0.0	0.038
21	7	11	76	0.0	0.001	1.782	1.617	0.009	0.011	0.0	0.037
22	7	11	76	0.0	0.001	1.775	1.613	0.010	0.011	0.0	0.037
23	7	11	76	0.0	0.001	1.815	1.615	0.010	0.011	0.0	0.036

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	11	76	0.0	0.001	1.788	1.616	0.010	0.011	0.0	0.036
1	8	11	76	0.0	0.001	1.781	1.613	0.010	0.011	0.0	0.036
2	8	11	76	0.0	0.001	1.769	1.607	0.010	0.011	0.0	0.036
3	8	11	76	0.0	0.001	1.772	1.610	0.010	0.011	0.0	0.035
4	8	11	76	0.0	0.001	1.775	1.608	0.010	0.011	0.0	0.035
5	8	11	76	0.0	0.001	1.769	1.601	0.009	0.011	0.0	0.035
6	8	11	76	0.0	0.001	1.757	1.600	0.010	0.010	0.0	0.035
7	8	11	76	0.0	0.001	1.761	1.599	0.009	0.011	0.0	0.034
8	8	11	76	0.0	0.001	1.763	1.599	0.009	0.010	0.0	0.032
9	8	11	76	0.0	0.001	1.759	1.596	0.009	0.010	0.0	0.033
10	8	11	76	0.0	0.001	1.737	1.582	0.008	0.009	0.0	0.033
11	8	11	76	0.0	0.001	1.722	1.573	0.008	0.009	0.0	0.033
12	8	11	76	0.0	0.001	1.713	1.567	0.008	0.009	0.0	0.033
13	8	11	76	0.0	0.001	99.999	99.999	0.008	0.009	0.0	0.033
14	8	11	76	0.0	0.001	99.999	99.999	0.009	0.010	0.0	0.032
15	8	11	76	0.0	0.001	1.711	1.561	0.009	0.010	0.0	0.032
16	8	11	76	0.0	0.001	1.715	1.563	0.010	0.010	0.0	0.032
17	8	11	76	0.0	0.001	1.709	1.561	0.010	0.011	0.0	0.032
18	8	11	76	0.0	0.001	1.709	1.565	0.010	0.011	0.0	0.032
19	8	11	76	0.0	0.001	1.711	1.568	0.010	0.011	0.0	0.032
20	8	11	76	0.0	0.001	1.741	1.585	0.010	0.011	0.0	0.031
21	8	11	76	0.0	0.001	1.754	1.594	0.010	0.011	0.0	0.033
22	8	11	76	0.0	0.001	1.757	1.596	0.010	0.011	0.0	0.033
23	8	11	76	0.0	0.001	1.764	1.601	0.010	0.011	0.0	0.032

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	11	76	0.0	0.001	1.792	1.614	0.010	0.011	0.0	0.033
1	9	11	76	0.0	0.001	1.793	1.616	0.010	0.011	0.0	0.033
2	9	11	76	0.0	0.001	1.790	1.614	0.010	0.011	0.0	0.033
3	9	11	76	0.0	0.001	1.789	1.610	0.009	0.011	0.0	0.034
4	9	11	76	0.0	0.001	1.782	1.606	0.009	0.011	0.0	0.034
5	9	11	76	0.0	0.001	1.770	1.601	0.010	0.011	0.007	0.033
6	9	11	76	0.0	0.001	1.762	1.595	0.010	0.011	0.016	0.032
7	9	11	76	0.0	0.001	1.753	1.583	0.010	0.011	0.0	0.032
8	9	11	76	0.0	0.001	1.754	1.584	0.010	0.011	0.0	0.032
9	9	11	76	0.0	0.001	1.763	1.579	0.010	0.011	0.0	0.033
10	9	11	76	0.0	0.001	1.730	1.576	0.009	0.010	0.0	0.031
11	9	11	76	0.0	0.001	1.738	1.571	0.008	0.010	0.021	0.032
12	9	11	76	0.0	0.001	1.710	1.559	0.008	0.010	0.078	0.034
13	9	11	76	0.0	0.001	1.7[illegible]	1.555	0.009	0.010	0.164	0.035
14	9	11	76	0.0	0.001	1.708	1.556	0.009	0.010	0.134	0.035
15	9	11	76	0.0	0.001	1.706	1.562	0.009	0.010	0.123	0.035
16	9	11	76	0.0	0.001	1.728	1.581	0.009	0.011	0.111	0.035
17	9	11	76	0.0	0.001	1.753	1.592	0.010	0.011	0.051	0.033
18	9	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	9	11	76	0.0	0.001	1.788	1.621	0.010	0.011	0.035	0.033
20	9	11	76	0.0	0.001	1.8[illegible]5	1.635	0.010	0.011	0.023	0.034
21	9	11	76	0.0	0.001	1.757	1.611	0.010	0.011	0.0	0.035
22	9	11	76	0.0	0.001	1.731	1.595	0.010	0.011	0.0	0.035
23	9	11	76	0.0	0.001	1.721	1.586	0.010	0.011	0.0	0.035

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	10	11	76	0.0	0.001	1.712	1.583	0.010	0.011	0.0	0.034
1	10	11	76	0.0	0.001	1.723	1.589	0.010	0.011	0.019	0.034
2	10	11	76	0.0	0.001	1.740	1.607	0.010	0.011	0.0	0.034
3	10	11	76	0.0	0.001	1.760	1.618	0.010	0.011	0.0	0.034
4	10	11	76	0.0	0.001	1.753	1.615	0.010	0.011	0.0	0.034
5	10	11	76	0.0	0.001	1.742	1.609	0.010	0.011	0.0	0.033
6	10	11	76	0.0	0.001	1.726	1.595	0.010	0.011	0.0	0.034
7	10	11	76	0.0	0.001	1.710	1.581	0.010	0.011	0.0	0.034
8	10	11	76	0.0	0.001	1.702	1.577	0.010	0.011	0.0	0.034
9	10	11	76	0.0	0.001	1.697	1.571	0.010	0.011	0.0	0.033
10	10	11	76	0.0	0.001	1.692	1.567	0.010	0.011	0.0	0.034
11	10	11	76	0.0	0.001	1.708	1.572	0.010	0.010	0.0	0.034
12	10	11	76	0.0	0.001	1.731	1.591	0.009	0.010	0.0	0.034
13	10	11	76	0.0	0.001	1.704	1.578	0.010	0.010	0.0	0.035
14	10	11	76	0.0	0.001	1.690	1.566	0.009	0.010	0.0	0.036
15	10	11	76	0.0	0.001	1.686	1.565	0.009	0.010	0.0	0.036
16	10	11	76	0.0	0.001	1.689	1.567	0.010	0.010	0.0	0.035
17	10	11	76	0.0	0.001	1.740	1.584	0.009	0.010	0.0	0.034
18	10	11	76	0.0	0.001	1.725	1.590	0.010	0.010	0.0	0.034
19	10	11	76	0.0	0.001	1.734	1.602	0.010	0.010	0.0	0.034
20	10	11	76	0.0	0.001	1.725	1.592	0.009	0.010	0.0	0.033
21	10	11	76	0.0	0.001	1.748	1.607	0.009	0.010	0.0	0.033
22	10	11	76	0.0	0.001	1.776	1.616	0.009	0.010	0.0	0.033
23	10	11	76	0.0	0.001	1.781	1.619	0.010	0.011	0.0	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	11	76	0.0	0.001	1.769	1.616	0.009	0.011	0.0	0.033
1	11	11	76	0.0	0.001	1.767	1.629	0.009	0.010	0.0	0.029
2	11	11	76	0.0	0.001	1.782	1.632	0.008	0.010	0.0	0.025
3	11	11	76	0.0	0.001	1.788	1.635	0.008	0.010	0.0	0.025
4	11	11	76	0.0	0.001	1.792	1.645	0.008	0.010	0.0	0.026
5	11	11	76	0.0	0.001	1.784	1.634	0.008	0.010	0.0	0.025
6	11	11	76	0.0	0.001	1.774	1.627	0.008	0.009	0.0	0.025
7	11	11	76	0.0	0.001	1.771	1.627	0.007	0.009	0.0	0.026
8	11	11	76	0.0	0.001	1.747	1.610	0.006	0.008	0.0	0.027
9	11	11	76	0.0	0.001	1.745	1.597	0.004	0.006	0.0	0.029
10	11	11	76	0.0	0.001	1.736	1.586	0.004	0.005	0.0	0.027
11	11	11	76	0.0	0.001	1.725	1.587	0.004	0.005	0.0	0.027
12	11	11	76	0.0	0.001	1.712	1.574	0.004	0.005	0.0	0.030
13	11	11	76	0.0	0.001	1.704	1.570	0.004	0.005	0.0	0.031
14	11	11	76	0.0	0.001	1.684	1.557	0.004	0.006	0.0	0.033
15	11	11	76	0.0	0.001	1.696	1.562	0.004	0.006	0.0	0.032
16	11	11	76	0.0	0.001	1.687	1.562	0.005	0.006	0.0	0.031
17	11	11	76	0.0	0.001	1.694	1.571	0.005	0.007	0.0	0.030
18	11	11	76	0.0	0.001	1.707	1.584	0.008	0.009	0.0	0.030
19	11	11	76	0.0	0.001	1.714	1.592	0.008	0.009	0.0	0.031
20	11	11	76	0.0	0.001	1.716	1.595	0.008	0.009	0.0	0.031
21	11	11	76	0.0	0.001	1.714	1.594	0.009	0.010	0.0	0.031
22	11	11	76	0.0	0.001	1.713	1.595	0.009	0.010	0.0	0.031
23	11	11	76	0.0	0.001	1.717	1.595	0.009	0.010	0.0	0.031

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	12	11	76	0.0	0.001	1.717	1.597	0.010	0.010	0.0	0.030
1	12	11	76	0.0	0.001	1.723	1.599	0.010	0.011	0.0	0.031
2	12	11	76	0.0	0.001	1.729	1.603	0.010	0.011	0.0	0.032
3	12	11	76	0.0	0.001	1.739	1.614	0.010	0.011	0.0	0.032
4	12	11	76	0.0	0.001	1.757	1.628	0.010	0.011	0.010	0.031
5	12	11	76	0.0	0.001	1.768	1.633	0.010	0.011	0.039	0.030
6	12	11	76	0.0	0.001	1.777	1.635	0.010	0.011	0.056	0.030
7	12	11	76	0.0	0.001	1.785	1.636	0.010	0.011	0.081	0.030
8	12	11	76	0.0	0.001	1.774	1.635	0.010	0.011	0.092	0.032
9	12	11	76	0.0	0.001	1.767	1.631	0.010	0.011	0.103	0.032
10	12	11	76	0.0	0.001	1.761	1.624	0.010	0.011	0.069	0.032
11	12	11	76	0.0	0.001	1.747	1.612	0.010	0.011	0.082	0.032
12	12	11	76	0.0	0.001	1.741	1.605	0.010	0.011	0.055	0.032
13	12	11	76	0.0	0.001	1.740	1.602	0.009	0.011	0.081	0.032
14	12	11	76	0.0	0.001	1.740	1.606	0.009	0.011	0.062	0.032
15	12	11	76	0.0	0.001	99.000	99.000	0.009	0.011	0.066	0.032
16	12	11	76	0.0	0.001	1.881	1.547	0.009	0.011	0.187	0.032
17	12	11	76	0.0	0.001	1.815	1.569	0.010	0.011	0.149	0.031
18	12	11	76	0.0	0.001	1.793	1.575	0.010	0.011	0.139	0.031
19	12	11	76	0.0	0.001	1.775	1.581	0.010	0.011	0.097	0.033
20	12	11	76	0.0	0.001	1.780	1.588	0.010	0.011	0.101	0.033
21	12	11	76	0.0	0.001	1.779	1.587	0.010	0.011	0.108	0.032
22	12	11	76	0.0	0.001	1.777	1.591	0.010	0.011	0.138	0.033
23	12	11	76	0.0	0.001	1.779	1.594	0.010	0.011	0.143	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	13	11	76	0.0	0.001	1.787	1.600	0.010	0.011	0.100	0.033
1	13	11	76	0.0	0.001	1.787	1.602	0.010	0.011	0.069	0.033
2	13	11	76	0.0	0.001	1.792	1.608	0.010	0.011	0.056	0.032
3	13	11	76	0.0	0.001	1.794	1.613	0.010	0.011	0.067	0.031
4	13	11	76	0.0	0.001	1.797	1.616	0.010	0.011	0.072	0.030
5	13	11	76	0.0	0.001	1.795	1.624	0.010	0.011	0.067	0.029
6	13	11	76	0.0	0.001	1.817	1.651	0.010	0.011	0.068	0.030
7	13	11	76	0.0	0.001	1.834	1.667	0.009	0.011	0.001	0.029
8	13	11	76	0.0	0.001	1.834	1.681	0.009	0.011	0.0	0.029
9	13	11	76	0.0	0.001	1.840	1.712	0.008	0.010	0.0	0.030
10	13	11	76	0.0	0.001	1.837	1.731	0.006	0.009	0.0	0.032
11	13	11	76	0.0	0.001	1.833	1.761	0.005	0.008	0.0	0.032
12	13	11	76	0.0	0.001	1.833	1.813	0.003	0.007	0.0	0.029
13	13	11	76	0.0	0.001	1.811	1.855	0.002	0.005	0.0	0.030
14	13	11	76	0.0	0.001	1.733	1.885	0.002	0.005	0.0	0.032
15	13	11	76	0.0	0.001	1.704	1.931	0.003	0.006	0.0	0.032
16	13	11	76	0.0	0.001	1.667	1.955	0.004	0.006	0.0	0.031
17	13	11	76	0.0	0.001	1.598	1.970	0.004	0.007	0.0	0.031
18	13	11	76	0.0	0.001	1.600	1.928	0.005	0.008	0.0	0.031
19	13	11	76	0.0	0.001	1.706	1.845	0.006	0.008	0.0	0.031
20	13	11	76	0.0	0.001	1.794	1.794	0.006	0.009	0.0	0.032
21	13	11	76	0.0	0.001	1.813	1.757	0.006	0.009	0.0	0.032
22	13	11	76	0.0	0.001	1.812	1.736	0.006	0.008	0.0	0.031
23	13	11	76	0.0	0.001	1.817	1.716	0.006	0.008	0.0	0.031

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
[illegible]	14	11	76	0.0	0.001	1.8[illegible]1	1.692	0.006	0.008	0.0	0.032
1	14	11	76	0.0	0.001	1.784	1.669	0.005	0.007	0.0	0.032
2	14	11	76	0.0	0.001	1.781	1.655	0.005	0.008	0.0	0.032
3	14	11	76	0.0	0.001	1.794	1.651	0.005	0.007	0.0	0.031
4	14	11	76	0.0	0.001	1.788	1.640	0.005	0.007	0.0	0.030
5	14	11	76	0.0	0.001	1.782	1.631	0.005	0.007	0.0	0.030
6	14	11	76	0.0	0.001	1.783	1.625	0.006	0.008	0.0	0.030
7	14	11	76	0.0	0.001	1.783	1.620	0.005	0.007	0.0	0.030
8	14	11	76	0.0	0.001	1.779	1.616	0.004	0.007	0.0	0.030
9	14	11	76	0.0	0.001	1.774	1.608	0.003	0.005	0.0	0.031
10	14	11	76	0.0	0.001	1.757	1.597	0.003	0.005	0.0	0.032
11	14	11	76	0.0	0.001	1.766	1.598	0.002	0.005	0.0	0.032
12	14	11	76	0.0	0.001	1.742	1.577	0.003	0.005	0.0	0.035
13	14	11	76	0.0	0.001	1.744	1.575	0.003	0.005	0.0	0.035
14	14	11	76	0.0	0.001	1.763	1.584	0.003	0.005	0.0	0.036
15	14	11	76	0.0	0.001	1.739	1.569	0.003	0.005	0.0	0.036
16	14	11	76	0.0	0.001	1.745	1.567	0.004	0.005	0.0	0.037
17	14	11	76	0.0	0.001	1.754	1.571	0.005	0.006	0.0	0.035
18	14	11	76	0.0	0.001	1.774	1.584	0.004	0.006	0.0	0.032
19	14	11	76	0.0	0.001	1.776	1.586	0.004	0.005	0.0	0.031
20	14	11	76	0.0	0.001	1.769	1.583	0.004	0.005	0.0	0.034
21	14	11	76	0.0	0.001	1.777	1.583	0.004	0.006	0.0	0.033
22	14	11	76	0.0	0.001	1.779	1.583	0.004	0.006	0.0	0.034
23	14	11	76	0.0	0.001	1.771	1.577	0.004	0.006	0.0	0.035

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	15	11	76	0.0	0.001	1.769	1.572	0.005	0.007	0.0	0.034
1	15	11	76	0.0	0.001	1.776	1.579	0.006	0.008	0.0	0.034
2	15	11	76	0.0	0.001	1.776	1.579	0.006	0.008	0.0	0.033
3	15	11	76	0.0	0.001	1.774	1.579	0.007	0.009	0.0	0.034
4	15	11	76	0.0	0.001	1.770	1.578	0.008	0.010	0.0	0.034
5	15	11	76	0.0	0.001	1.776	1.581	0.009	0.010	0.0	0.032
6	15	11	76	0.0	0.001	1.771	1.581	0.009	0.010	0.0	0.032
7	15	11	76	0.0	0.001	1.776	1.582	0.008	0.010	0.0	0.034
8	15	11	76	0.0	0.001	1.787	1.587	0.008	0.009	0.0	0.033
9	15	11	76	0.0	0.001	1.787	1.583	0.005	0.007	0.0	0.033
10	15	11	76	0.0	0.001	1.779	1.578	0.007	0.009	0.0	0.033
11	15	11	76	0.0	0.001	99.000	99.000	0.008	0.010	0.0	0.034
12	15	11	76	0.0	0.001	99.000	99.000	0.008	0.010	0.0	0.034
13	15	11	76	0.0	0.001	1.706	1.521	0.008	0.010	0.0	0.035
14	15	11	76	0.0	0.001	1.731	1.544	0.005	0.007	0.0	0.035
15	15	11	76	0.0	0.001	1.737	1.551	0.005	0.007	0.0	0.036
16	15	11	76	0.0	0.001	1.756	1.563	0.007	0.008	0.0	0.036
17	15	11	76	0.0	0.001	1.760	1.567	0.010	0.011	0.0	0.034
18	15	11	76	0.0	0.001	1.784	1.583	0.009	0.011	0.0	0.034
19	15	11	76	0.0	0.001	1.791	1.583	0.010	0.011	0.0	0.034
20	15	11	76	0.0	0.001	1.779	1.584	0.010	0.011	0.0	0.034
21	15	11	76	0.0	0.001	1.777	1.590	0.010	0.011	0.0	0.034
22	15	11	76	0.0	0.001	1.796	1.605	0.010	0.011	0.0	0.035
23	15	11	76	0.0	0.001	1.795	1.607	0.010	0.011	0.0	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	16	11	76	0.0	0.001	1.804	1.612	0.010	0.011	0.0	0.032
1	16	11	76	0.0	0.001	1.808	1.611	0.010	0.011	0.0	0.032
2	16	11	76	0.0	0.001	1.825	1.615	0.009	0.010	0.0	0.031
3	16	11	76	0.0	0.001	1.812	1.608	0.008	0.010	0.0	0.030
4	16	11	76	0.0	0.001	1.795	1.604	0.009	0.010	0.0	0.029
5	16	11	76	0.0	0.001	1.798	1.605	0.009	0.010	0.0	0.027
6	16	11	76	0.0	0.001	1.797	1.603	0.008	0.009	0.0	0.027
7	16	11	76	0.0	0.001	1.825	1.610	0.007	0.008	0.0	0.026
8	16	11	76	0.0	0.001	1.840	1.621	0.006	0.008	0.0	0.024
9	16	11	76	0.0	0.001	1.821	1.618	0.004	0.006	0.0	0.025
10	16	11	76	0.0	0.001	1.811	1.608	0.003	0.005	0.0	0.027
11	16	11	76	0.0	0.001	1.790	1.595	0.003	0.006	0.0	0.029
12	16	11	76	0.0	0.001	1.781	1.586	0.004	0.006	0.0	0.032
13	16	11	76	0.0	0.001	1.771	1.579	0.004	0.006	0.0	0.034
14	16	11	76	0.0	0.001	1.773	1.582	0.005	0.007	0.0	0.034
15	16	11	76	0.0	0.001	1.779	1.585	0.005	0.006	0.0	0.034
16	16	11	76	0.0	0.001	1.785	1.584	0.005	0.006	0.0	0.034
17	16	11	76	0.0	0.001	1.790	1.589	0.007	0.008	0.0	0.034
18	16	11	76	99.000	99.000	99.000	99.000	0.008	0.009	0.0	0.033
19	16	11	76	99.000	99.000	99.000	99.000	0.008	0.009	0.0	0.033
20	16	11	76	0.0	0.014	1.740	1.555	0.008	0.009	0.0	0.032
21	16	11	76	0.0	0.003	1.857	1.611	0.008	0.010	0.0	0.033
22	16	11	76	0.0	0.001	1.820	1.618	0.009	0.010	0.0	0.033
23	16	11	76	0.0	0.001	1.821	1.618	0.008	0.010	0.0	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	17	11	76	0.0	0.001	1.827	1.618	0.010	0.011	0.0	0.033
1	17	11	76	0.0	0.001	1.826	1.616	0.010	0.011	0.0	0.032
2	17	11	76	0.0	0.001	1.821	1.612	0.010	0.011	0.0	0.032
3	17	11	76	0.0	0.001	1.823	1.613	0.010	0.011	0.0	0.032
4	17	11	76	0.0	0.001	1.827	1.615	0.010	0.011	0.0	0.032
5	17	11	76	0.0	0.001	1.828	1.613	0.010	0.011	0.0	0.032
6	17	11	76	0.0	0.001	1.836	1.616	0.010	0.011	0.0	0.032
7	17	11	76	0.0	0.001	1.832	1.618	0.010	0.011	0.0	0.032
8	17	11	76	0.0	0.001	1.835	1.616	0.010	0.011	0.0	0.030
9	17	11	76	0.0	0.001	1.841	1.611	0.010	0.011	0.0	0.029
10	17	11	76	0.0	0.001	1.838	1.601	0.006	0.007	0.0	0.030
11	17	11	76	0.0	0.001	1.810	1.591	0.005	0.006	0.0	0.029
12	17	11	76	0.0	0.001	1.813	1.594	0.005	0.006	0.0	0.030
13	17	11	76	0.0	0.001	1.822	1.599	0.005	0.006	0.0	0.030
14	17	11	76	0.0	0.001	1.825	1.601	0.005	0.006	0.0	0.030
15	17	11	76	0.0	0.001	1.812	1.591	0.006	0.006	0.0	0.029
16	17	11	76	0.0	0.001	1.823	1.598	0.009	0.009	0.0	0.028
17	17	11	76	0.0	0.001	1.832	1.605	0.010	0.010	0.0	0.028
18	17	11	76	0.0	0.001	1.833	1.614	0.010	0.011	0.0	0.027
19	17	11	76	0.0	0.001	1.836	1.621	0.010	0.011	0.0	0.028
20	17	11	76	0.0	0.001	1.840	1.620	0.011	0.011	0.0	0.028
21	17	11	76	0.0	0.001	1.827	1.614	0.011	0.011	0.0	0.029
22	17	11	76	0.0	0.001	1.822	1.609	0.010	0.011	0.0	0.028
23	17	11	76	0.0	0.001	1.823	1.61[illegible]	0.011	0.011	0.0	0.028

RIO BLANCO OIL SHALE PROJECT   SITE   ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	18	11	76	0.0	0.001	1.836	1.618	0.010	0.011	0.0	0.027
1	18	11	76	0.0	0.001	1.875	1.642	0.009	0.011	0.0	0.026
2	18	11	76	0.0	0.001	1.870	1.637	0.010	0.011	0.0	0.027
3	18	11	76	0.0	0.001	1.843	1.620	0.010	0.011	0.0	0.027
4	18	11	76	0.0	0.001	1.834	1.606	0.010	0.011	0.0	0.027
5	18	11	76	0.0	0.001	1.837	1.613	0.010	0.011	0.0	0.025
6	18	11	76	0.0	0.001	1.832	1.613	0.010	0.011	0.0	0.025
7	18	11	76	0.0	0.001	1.835	1.614	0.010	0.011	0.0	0.025
8	18	11	76	0.0	0.001	1.847	1.612	0.010	0.011	0.0	0.025
9	18	11	76	0.0	0.001	1.829	1.602	0.010	0.010	0.0	0.026
10	18	11	76	0.0	0.001	1.804	1.583	0.008	0.009	99.000	0.027
11	18	11	76	0.0	0.001	1.783	1.567	0.007	0.008	0.0	0.027
12	18	11	76	0.0	0.001	99.000	99.000	0.007	0.008	0.0	0.026
13	18	11	76	0.0	0.001	99.000	99.000	0.007	0.008	0.0	0.026
14	18	11	76	0.0	0.001	99.000	99.000	0.007	0.008	0.0	0.027
15	18	11	76	0.0	0.001	99.000	99.000	0.006	0.007	0.0	0.027
16	18	11	76	0.0	0.001	99.000	99.000	0.006	0.007	0.0	0.027
17	18	11	76	0.0	0.001	1.712	1.516	0.009	0.009	0.0	0.026
18	18	11	76	0.0	0.001	1.763	1.556	0.010	0.011	0.0	0.026
19	18	11	76	0.0	0.001	1.853	1.605	0.010	0.011	0.0	0.027
20	18	11	76	0.0	0.001	1.936	1.651	0.009	0.011	0.0	0.027
21	18	11	76	0.0	0.001	1.907	1.641	0.010	0.011	0.0	0.027
22	18	11	76	0.0	0.001	1.860	1.618	0.010	0.011	0.0	0.027
23	18	11	76	0.0	0.001	1.831	1.598	0.010	0.011	0.0	0.027

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	19	11	76	0.0	0.001	1.780	1.571	0.011	0.011	0.0	0.028
1	19	11	76	0.0	0.001	1.785	1.570	0.011	0.011	0.0	0.027
2	19	11	76	0.0	0.001	1.814	1.584	0.011	0.012	0.0	0.026
3	19	11	76	0.0	0.001	1.816	1.584	0.011	0.011	0.0	0.026
4	19	11	76	0.0	0.001	1.801	1.574	0.011	0.011	0.0	0.027
5	19	11	76	0.0	0.001	1.809	1.585	0.011	0.012	0.0	0.027
6	19	11	76	0.0	0.001	1.823	1.587	0.011	0.012	0.0	0.026
7	19	11	76	0.0	0.001	1.821	1.592	0.010	0.011	0.0	0.026
8	19	11	76	0.0	0.001	1.838	1.592	0.010	0.011	0.0	0.025
9	19	11	76	0.0	0.001	1.817	1.582	0.009	0.011	0.0	0.026
10	19	11	76	0.0	0.001	1.814	1.574	0.008	0.010	0.0	0.025
11	19	11	76	0.0	0.001	1.742	1.539	0.008	0.010	0.0	0.029
12	19	11	76	0.0	0.001	1.731	1.535	0.009	0.011	0.0	0.030
13	19	11	76	0.0	0.001	1.732	1.540	0.010	0.011	0.0	0.031
14	19	11	76	0.0	0.001	1.759	1.560	0.009	0.011	0.0	0.031
15	19	11	76	0.0	0.001	1.742	1.553	0.010	0.011	0.0	0.032
16	19	11	76	0.0	0.001	1.729	1.546	0.010	0.011	0.0	0.032
17	19	11	76	0.0	0.001	1.737	1.554	0.010	0.011	0.0	0.032
18	19	11	76	0.0	0.0	1.759	1.568	0.010	0.011	0.0	0.031
19	19	11	76	0.0	0.0	1.778	1.580	0.010	0.011	0.0	0.032
20	19	11	76	0.0	0.0	1.775	1.573	0.011	0.012	0.0	0.033
21	19	11	76	0.0	0.0	1.767	1.573	0.011	0.012	0.0	0.034
22	19	11	76	0.0	0.0	1.776	1.578	0.011	0.012	0.0	0.034
23	19	11	76	0.0	0.0	1.794	1.587	0.010	0.012	0.0	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	20	11	76	0.0	0.0	1.805	1.591	0.010	0.012	0.0	0.033
1	20	11	76	0.0	0.0	1.840	1.604	0.010	0.012	0.0	0.032
2	20	11	76	0.0	0.0	1.814	1.593	0.010	0.012	0.0	0.032
3	20	11	76	0.0	0.0	1.793	1.584	0.010	0.012	0.0	0.032
4	20	11	76	0.0	0.0	1.782	1.579	0.010	0.012	0.0	0.032
5	20	11	76	0.0	0.0	1.784	1.578	0.010	0.012	0.0	0.031
6	20	11	76	0.0	0.0	1.770	1.571	0.010	0.012	0.0	0.032
7	20	11	76	0.0	0.0	1.789	1.570	0.010	0.012	0.0	0.033
8	20	11	76	0.0	0.0	1.770	1.569	0.010	0.012	0.0	0.032
9	20	11	76	0.0	0.0	1.768	1.568	0.010	0.012	0.0	0.032
10	20	11	76	0.0	0.0	1.767	1.567	0.010	0.012	0.0	0.034
11	20	11	76	0.0	0.001	1.754	1.558	0.010	0.012	0.0	0.035
12	20	11	76	0.0	0.001	1.739	1.547	0.010	0.012	0.0	0.036
13	20	11	76	0.0	0.001	1.732	1.550	0.010	0.012	0.0	0.037
14	20	11	76	0.0	0.001	1.726	1.546	0.010	0.012	0.0	0.037
15	20	11	76	0.0	0.001	1.729	1.547	0.011	0.012	0.0	0.036
16	20	11	76	0.0	0.001	1.742	1.554	0.011	0.012	0.0	0.035
17	20	11	76	0.0	0.001	1.741	1.549	0.011	0.012	0.0	0.036
18	20	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	20	11	76	0.0	0.001	1.744	1.557	0.012	0.012	0.0	0.036
20	20	11	76	0.0	0.0	1.753	1.565	0.012	0.013	0.0	0.037
21	20	11	76	0.0	0.0	1.757	1.568	0.012	0.012	0.0	0.036
22	20	11	76	0.0	0.0	1.761	1.572	0.012	0.012	0.0	0.035
23	20	11	76	0.0	0.0	1.772	1.575	0.012	0.012	0.0	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	11	76	0.0	0.0	1.785	1.584	0.012	0.013	0.0	0.031
1	21	11	76	0.0	0.0	1.78[illegible]	1.587	0.011	0.012	0.0	0.032
2	21	11	76	0.0	0.0	1.781	1.587	0.011	0.013	0.0	0.032
3	21	11	76	0.0	0.0	1.788	1.589	0.011	0.012	0.0	0.031
4	21	11	76	0.0	0.0	1.794	1.59[illegible]	0.011	0.012	0.0	0.031
5	21	11	76	0.0	0.0	1.789	1.590	0.011	0.013	0.0	0.032
6	21	11	76	0.0	0.0	1.778	1.585	0.012	0.013	0.0	0.033
7	21	11	76	0.0	0.0	1.78[illegible]	1.586	0.012	0.013	0.0	0.033
8	21	11	76	0.0	0.0	1.783	1.586	0.011	0.012	0.0	0.034
9	21	11	76	0.0	0.0	1.8[illegible]6	1.58[illegible]	0.011	0.012	0.0	0.033
10	21	11	76	0.0	0.001	1.783	1.572	0.011	0.012	0.0	0.031
11	21	11	76	0.0	0.001	1.779	1.567	0.010	0.012	0.0	0.031
12	21	11	76	0.0	0.0	1.756	1.558	0.010	0.012	0.0	0.034
13	21	11	76	0.0	0.0	1.749	1.556	0.010	0.012	0.0	0.034
14	21	11	76	0.0	0.001	1.744	1.559	0.011	0.012	0.0	0.035
15	21	11	76	0.0	0.001	1.763	1.57[illegible]	0.010	0.012	0.0	0.035
16	21	11	76	0.0	0.0	1.778	1.577	0.011	0.012	0.0	0.034
17	21	11	76	0.0	0.001	1.771	1.579	0.011	0.012	0.0	0.034
18	21	11	76	0.0	0.0	1.779	1.586	0.011	0.012	0.0	0.034
19	21	11	76	0.0	0.0	1.784	1.593	0.012	0.012	0.0	0.034
20	21	11	76	0.0	0.0	1.79[illegible]	1.597	0.012	0.013	0.0	0.035
21	21	11	76	0.0	0.0	1.793	1.599	0.012	0.013	0.0	0.035
22	21	11	76	0.0	0.0	1.8[illegible]9	1.61[illegible]	0.012	0.012	0.0	0.034
23	21	11	76	0.0	0.0	1.833	1.626	0.011	0.013	0.0	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	22	11	76	0.0	0.0	1.826	1.621	0.011	0.013	0.0	0.034
1	22	11	76	0.0	0.0	1.813	1.612	0.012	0.013	0.0	0.035
2	22	11	76	0.0	0.0	1.813	1.608	0.012	0.012	0.0	0.035
3	22	11	76	0.0	0.0	1.784	1.592	0.012	0.013	0.0	0.037
4	22	11	76	0.0	0.0	1.763	1.582	0.012	0.012	0.0	0.036
5	22	11	76	0.0	0.0	1.760	1.578	0.012	0.012	0.0	0.036
6	22	11	76	0.0	0.0	1.765	1.578	0.012	0.012	0.0	0.035
7	22	11	76	0.0	0.0	1.766	1.581	0.012	0.013	0.0	0.036
8	22	11	76	0.0	0.0	1.770	1.583	0.012	0.012	0.0	0.036
9	22	11	76	0.0	0.001	1.766	1.578	0.011	0.012	0.0	0.036
10	22	11	76	0.0	0.001	1.771	1.577	0.011	0.012	0.0	0.032
11	22	11	76	0.0	0.001	1.761	1.567	0.011	0.012	0.0	0.033
12	22	11	76	0.0	0.001	1.729	1.553	0.011	0.012	0.0	0.036
13	22	11	76	0.0	0.001	1.755	1.570	0.011	0.012	0.0	0.036
14	22	11	76	0.0	0.001	1.778	1.585	0.011	0.012	0.0	0.036
15	22	11	76	0.0	0.001	1.787	1.595	0.011	0.012	0.0	0.035
16	22	11	76	0.0	0.001	1.787	1.589	0.009	0.011	0.0	0.035
17	22	11	76	0.0	0.001	1.789	1.591	0.010	0.012	0.0	0.034
18	22	11	76	0.0	0.001	1.764	1.582	0.011	0.012	0.0	0.034
19	22	11	76	0.0	0.001	1.757	1.58[illegible]	0.012	0.012	0.0	0.034
20	22	11	76	0.0	0.001	1.752	1.579	0.012	0.012	0.0	0.034
21	22	11	76	0.0	0.001	1.765	1.584	0.012	0.012	0.0	0.034
22	22	11	76	0.0	0.001	1.774	1.592	0.012	0.012	0.0	0.033
23	22	11	76	0.0	0.001	1.808	1.607	0.011	0.012	0.0	0.032

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	23	11	76	0.0	0.001	1.918	1.657	0.011	0.012	0.0	0.033
1	23	11	76	0.0	0.001	1.906	1.650	0.011	0.012	0.0	0.033
2	23	11	76	0.0	0.001	1.826	1.617	0.011	0.012	0.0	0.031
3	23	11	76	0.0	0.001	1.796	1.606	0.011	0.012	0.0	0.030
4	23	11	76	0.0	0.001	1.775	1.596	0.011	0.012	0.0	0.030
5	23	11	76	0.0	0.001	1.771	1.598	0.011	0.012	0.0	0.031
6	23	11	76	0.0	0.001	1.769	1.596	0.011	0.012	0.0	0.030
7	23	11	76	0.0	0.001	1.771	1.591	0.011	0.012	0.0	0.031
8	23	11	76	0.0	0.001	1.772	1.596	0.011	0.012	0.0	0.030
9	23	11	76	0.0	0.001	1.784	1.592	0.010	0.012	0.0	0.030
10	23	11	76	0.0	0.001	1.770	1.589	0.010	0.012	0.0	0.032
11	23	11	76	0.0	0.001	1.758	1.581	0.010	0.011	0.0	0.033
12	23	11	76	0.0	0.001	1.761	1.577	0.009	0.011	0.0	0.032
13	23	11	76	0.0	0.001	1.751	1.574	0.009	0.010	0.0	0.034
14	23	11	76	0.0	0.001	1.768	1.588	0.010	0.011	0.0	0.036
15	23	11	76	0.0	0.001	1.774	1.594	0.010	0.010	0.0	0.036
16	23	11	76	0.0	0.001	1.781	1.599	0.010	0.011	0.0	0.036
17	23	11	76	0.0	0.001	1.825	1.614	0.011	0.012	0.0	0.035
18	23	11	76	0.0	0.001	1.829	1.629	0.011	0.012	0.0	0.034
19	23	11	76	0.0	0.001	1.842	1.641	0.011	0.012	0.0	0.033
20	23	11	76	0.0	0.001	1.837	1.641	0.011	0.013	0.0	0.033
21	23	11	76	0.0	0.001	1.824	1.643	0.011	0.012	0.0	0.033
22	23	11	76	0.0	0.001	1.826	1.649	0.011	0.012	0.0	0.033
23	23	11	76	0.0	0.001	1.823	1.652	0.011	0.013	0.0	0.034

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	24	11	76	0.0	0.001	1.813	1.656	0.012	0.013	0.0	0.034
1	24	11	76	0.0	0.001	1.817	1.655	0.012	0.012	0.0	0.033
2	24	11	76	0.0	0.001	1.822	1.661	0.012	0.012	0.0	0.033
3	24	11	76	0.0	0.001	1.812	1.649	0.012	0.012	0.0	0.034
4	24	11	76	0.0	0.001	1.812	1.643	0.012	0.012	0.0	0.034
5	24	11	76	0.0	0.001	1.799	1.641	0.012	0.013	0.0	0.034
6	24	11	76	0.0	0.001	1.798	1.641	0.012	0.013	0.0	0.035
7	24	11	76	0.0	0.001	1.798	1.639	0.012	0.013	0.0	0.034
8	24	11	76	0.0	0.001	1.795	1.635	0.011	0.012	0.0	0.035
9	24	11	76	0.0	0.001	1.800	1.623	0.011	0.012	0.0	0.034
10	24	11	76	0.0	0.001	1.804	1.611	0.011	0.012	0.0	0.034
11	24	11	76	0.0	0.001	1.766	1.603	0.011	0.012	0.0	0.036
12	24	11	76	0.0	0.001	1.757	1.598	0.011	0.012	0.0	0.037
13	24	11	76	0.0	0.001	1.752	1.593	0.011	0.012	0.0	0.037
14	24	11	76	0.0	0.001	1.759	1.598	0.011	0.012	0.0	0.037
15	24	11	76	0.0	0.001	1.429	1.305	0.010	0.012	0.0	0.036
16	24	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
17	24	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
18	24	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	24	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
20	24	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
21	24	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
22	24	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
23	24	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
1	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
2	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
3	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
4	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
5	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
6	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
7	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
8	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
9	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
10	25	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
11	25	11	76	0.0	0.001	1.627	1.483	0.010	0.012	0.0	0.034
12	25	11	76	0.0	0.001	1.719	1.563	0.011	0.012	0.0	0.031
13	25	11	76	0.0	0.001	1.711	1.557	0.011	0.012	0.0	0.032
14	25	11	76	0.0	0.001	1.710	1.558	0.012	0.012	0.0	0.033
15	25	11	76	0.0	0.001	1.711	1.56[illegible]	0.012	0.012	0.0	0.032
16	25	11	76	0.0	0.001	1.712	1.558	0.012	0.012	0.0	0.032
17	25	11	76	0.0	0.001	1.738	1.576	0.011	0.013	0.0	0.032
18	25	11	76	0.0	0.001	1.754	1.591	0.011	0.012	0.0	0.032
19	25	11	76	0.0	0.001	1.735	1.579	0.011	0.012	0.0	0.033
20	25	11	76	0.0	0.001	1.734	1.585	0.011	0.012	0.0	0.032
21	25	11	76	0.0	0.001	1.744	1.595	0.011	0.012	0.0	0.030
22	25	11	76	0.0	0.001	1.738	1.597	0.011	0.012	0.0	0.031
23	25	11	76	0.0	0.001	1.74[illegible]	1.6[illegible]2	0.012	0.012	0.0	0.031

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	26	11	76	0.0	0.001	1.762	1.612	0.011	0.012	0.0	0.030
1	26	11	76	0.0	0.001	1.766	1.615	0.011	0.012	0.0	0.030
2	26	11	76	0.0	0.001	1.747	1.608	0.010	0.012	0.0	0.029
3	26	11	76	0.0	0.001	1.757	1.614	0.011	0.012	0.0	0.031
4	26	11	76	0.0	0.001	1.755	1.612	0.012	0.012	0.0	0.033
5	26	11	76	0.0	0.001	1.768	1.621	0.011	0.012	0.0	0.032
6	26	11	76	0.0	0.001	1.803	1.644	0.012	0.012	0.0	0.026
7	26	11	76	0.0	0.001	1.803	1.645	0.012	0.012	0.0	0.026
8	26	11	76	0.0	0.001	1.793	1.635	0.012	0.012	0.0	0.028
9	26	11	76	0.0	0.001	1.788	1.629	0.012	0.012	0.0	0.029
10	26	11	76	0.0	0.001	1.789	1.629	0.012	0.012	0.0	0.029
11	26	11	76	0.0	0.001	1.792	1.629	0.012	0.012	0.0	0.029
12	26	11	76	0.0	0.001	1.787	1.626	0.011	0.012	0.0	0.029
13	26	11	76	0.0	0.001	1.791	1.632	0.011	0.012	0.0	0.029
14	26	11	76	0.0	0.001	1.805	1.641	0.011	0.012	0.0	0.028
15	26	11	76	0.0	0.001	1.810	1.646	0.011	0.012	0.0	0.028
16	26	11	76	0.0	0.001	1.804	1.643	0.012	0.012	0.0	0.029
17	26	11	76	0.0	0.001	99.000	99.000	0.012	0.013	0.0	0.029
18	26	11	76	0.0	0.001	99.000	99.000	0.012	0.013	0.0	0.029
19	26	11	76	0.0	0.001	1.797	1.641	0.012	0.013	0.0	0.029
20	26	11	76	0.0	0.001	1.808	1.647	0.012	0.013	0.0	0.029
21	26	11	76	0.0	0.001	1.809	1.649	0.012	0.013	0.006	0.029
22	26	11	76	0.0	0.001	1.807	1.647	0.012	0.013	0.008	0.028
23	26	11	76	0.0	0.001	1.836	1.659	0.012	0.012	0.027	0.028

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                          RIO BLANCO OIL SHALE PROJECT   SITE   ONE

                                  AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++    +--------------------------------------------------------------+

 0 27 11 76      0.0    0.001   1.827   1.657    0.011   0.012   0.082   0.029

 1 27 11 76      0.0    0.001   1.826   1.657    0.012   0.012   0.086   0.030

 2 27 11 76      0.0    0.001   1.822   1.658    0.012   0.012   0.080   0.031

 3 27 11 76      0.0    0.001   1.823   1.658    0.012   0.012   0.112   0.032

 4 27 11 76      0.0    0.001   1.815   1.655    0.012   0.012   0.126   0.033

 5 27 11 76      0.0    0.001   1.813   1.651    0.012   0.012   0.164   0.033

 6 27 11 76      0.0    0.001   1.809   1.653    0.012   0.012   0.192   0.034

 7 27 11 76      0.0    0.001   1.812   1.654    0.012   0.013   0.184   0.034

 8 27 11 76      0.0    0.001   1.813   1.654    0.012   0.012   0.223   0.034

 9 27 11 76      0.0    0.001   1.808   1.654    0.012   0.012   0.170   0.034

10 27 11 76      0.0    0.001   1.803   1.645    0.012   0.012   0.215   0.034

11 27 11 76      0.0    0.001   1.794   1.638    0.012   0.012   0.303   0.035

12 27 11 76      0.0    0.001  99.000  99.000    0.012   0.012   0.274   0.035

13 27 11 76      0.0    0.001  99.000  99.000    0.012   0.012   0.430   0.035

14 27 11 76      0.0    0.001  99.000  99.000    0.011   0.012   0.506   0.035

15 27 11 76      0.0    0.001   1.830   1.608    0.012   0.012   0.299   0.035

16 27 11 76      0.0    0.001   1.813   1.612    0.012   0.012   0.228   0.035

17 27 11 76      0.0    0.001   1.824   1.614    0.012   0.013   0.290   0.035

18 27 11 76      0.0    0.001   1.844   1.629    0.012   0.013   0.323   0.034

19 27 11 76      0.0    0.001   1.848   1.637    0.012   0.013   0.318   0.034

20 27 11 76      0.0    0.001   1.843   1.637    0.012   0.013   0.263   0.035

21 27 11 76      0.0    0.001   1.842   1.638    0.012   0.013   0.301   0.035

22 27 11 76      0.0    0.001   1.837   1.634    0.012   0.013   0.295   0.035

23 27 11 76      0.0    0.001   1.835   1.633    0.012   0.013   0.227   0.035
```

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	11	76	[illegible]	0.001	1.837	1.631	0.012	0.013	0.220	0.035
1	28	11	76	[illegible]	0.001	1.836	1.631	0.012	0.013	0.179	0.036
2	28	11	76	[illegible]	0.001	1.831	1.629	0.012	0.013	0.234	0.036
3	28	11	76	[illegible]	0.001	1.833	1.630	0.012	0.013	0.271	0.035
4	28	11	76	[illegible]	0.001	1.831	1.630	0.012	0.013	0.236	0.036
5	28	11	76	[illegible]	0.001	1.834	1.631	0.012	0.013	0.293	0.035
6	28	11	76	[illegible]	0.001	1.838	1.629	0.012	0.013	0.347	0.035
7	28	11	76	[illegible]	0.001	1.849	1.631	0.012	0.013	0.354	0.035
8	28	11	76	[illegible]	0.001	1.838	1.629	0.012	0.013	0.290	0.035
9	28	11	76	[illegible]	0.001	1.850	1.629	0.012	0.012	0.232	0.035
10	28	11	76	[illegible]	0.001	1.832	1.625	0.012	0.012	0.455	0.034
11	28	11	76	[illegible]	0.001	1.832	1.626	0.012	0.012	0.774	0.034
12	28	11	76	[illegible]	0.001	1.846	1.646	0.012	0.012	0.642	0.034
13	28	11	76	[illegible]	0.001	1.833	1.630	0.012	0.012	0.703	0.034
14	28	11	76	[illegible]	0.001	1.829	1.621	0.012	0.012	0.683	0.036
15	28	11	76	[illegible]	0.001	1.865	1.657	0.011	0.012	0.832	0.034
16	28	11	76	[illegible]	0.001	1.877	1.663	0.011	0.012	0.917	0.034
17	28	11	76	[illegible]	0.001	1.855	1.644	0.012	0.012	0.799	0.034
18	28	11	76	[illegible]	0.001	1.859	1.644	0.012	0.013	0.682	0.033
19	28	11	76	[illegible]	0.001	1.871	1.641	0.011	0.013	0.547	0.032
20	28	11	76	[illegible]	0.001	1.852	1.637	0.012	0.013	0.628	0.033
21	28	11	76	[illegible]	0.001	1.853	1.638	0.012	0.012	0.459	0.033
22	28	11	76	[illegible]	0.001	1.847	1.634	0.012	0.013	0.713	0.033
23	28	11	76	[illegible]	0.001	1.860	1.632	0.012	0.012	0.314	0.032

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	11	76	0.0	0.001	1.846	1.632	0.012	0.013	0.268	0.031
1	29	11	76	0.0	0.001	1.846	1.629	0.012	0.012	0.284	0.029
2	29	11	76	0.0	0.001	1.870	1.649	0.012	0.013	0.542	0.028
3	29	11	76	0.0	0.001	1.855	1.640	0.012	0.013	0.486	0.030
4	29	11	76	0.0	0.001	1.851	1.631	0.012	0.013	0.549	0.030
5	29	11	76	0.0	0.001	1.865	1.531	0.012	0.013	0.537	0.030
6	29	11	76	0.0	0.001	1.86[illegible]	1.637	0.012	0.012	0.414	0.031
7	29	11	76	0.0	0.001	1.859	1.638	0.012	0.012	0.416	0.030
8	29	11	76	0.0	0.001	1.866	1.640	0.012	0.013	0.313	0.029
9	29	11	76	0.0	0.001	1.853	1.634	0.012	0.012	0.382	0.030
10	29	11	76	0.0	0.001	1.871	1.642	0.012	0.012	0.472	0.030
11	29	11	76	0.0	0.001	1.855	1.63[illegible]	0.012	0.012	0.605	0.030
12	29	11	76	0.0	0.001	1.818	1.613	0.012	0.012	0.500	0.031
13	29	11	76	0.0	0.001	1.8[illegible]7	1.6[illegible]8	0.012	0.012	0.241	0.032
14	29	11	76	0.0	0.001	1.817	1.634	0.012	0.012	0.437	0.032
15	29	11	76	0.0	0.001	1.815	1.628	0.012	0.012	0.0	0.032
16	29	11	76	0.0	0.001	1.814	1.629	0.012	0.012	0.0	0.032
17	29	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
18	29	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	29	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
20	29	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
21	29	11	76	0.0	0.0	1.8[illegible]9	1.626	0.012	0.012	0.471	0.033
22	29	11	76	0.0	0.001	1.815	1.627	0.012	0.012	0.760	0.033
23	29	11	76	0.0	0.001	1.8[illegible]6	1.621	0.012	0.012	0.531	0.033

RIO BLANCO OIL SHALE PROJECT SITE ONE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	30	11	76	0.01	0.001	1.808	1.619	0.012	0.012	0.622	0.032
1	30	11	76	0.00	0.00	1.811	1.614	0.012	0.012	0.528	0.032
2	30	11	76	0.00	0.001	1.817	1.616	0.012	0.012	0.697	0.031
3	30	11	76	0.00	0.00	1.809	1.615	0.012	0.012	0.517	0.032
4	30	11	76	0.00	0.001	1.807	1.627	0.012	0.012	0.703	0.032
5	30	11	76	0.00	0.001	1.812	1.617	0.012	0.012	0.598	0.032
6	30	11	76	0.00	0.001	1.809	1.616	0.012	0.012	0.784	0.031
7	30	11	76	0.00	0.001	1.810	1.616	0.012	0.012	0.731	0.032
8	30	11	76	0.00	0.001	1.805	1.612	0.012	0.013	0.832	0.032
9	30	11	76	0.00	0.001	1.818	1.605	0.012	0.012	0.520	0.032
10	30	11	76	0.00	0.001	1.795	1.602	0.012	0.012	0.531	0.033
11	30	11	76	0.00	0.001	1.784	1.592	0.012	0.012	0.452	0.033
12	30	11	76	0.00	0.001	1.799	1.596	0.012	0.012	0.447	0.033
13	30	11	76	0.00	0.001	1.889	1.649	0.010	0.012	0.172	0.033
14	30	11	76	0.00	0.001	1.896	1.656	0.010	0.011	0.144	0.032
15	30	11	76	0.00	0.001	1.819	1.601	0.010	0.012	0.405	0.032
16	30	11	76	0.00	0.001	1.803	1.593	0.011	0.012	0.260	0.031
17	30	11	76	0.00	0.001	1.775	1.577	0.011	0.012	0.042	0.032
18	30	11	76	0.00	0.001	1.785	1.586	0.012	0.012	0.132	0.032
19	30	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
20	30	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
21	30	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
22	30	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
23	30	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000

A.1.2

AIR QUALITY DATA FOR SITE 2
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbon Concentration (ppm)
CH_4	Methane Concentration (ppm)

```
                          AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++        +-----------------------------------+

 0  1  9 76         0.0      0.002    1.470    1.473

 1  1  9 76         0.0      0.002    1.476    1.478

 2  1  9 76         0.0      0.001    1.480    1.484

 3  1  9 76         0.0      0.002    1.486    1.490

 4  1  9 76         0.0      0.002    1.483    1.474

 5  1  9 76         0.0      0.001    1.449    1.445

 6  1  9 76         0.0      0.002    1.439    1.433

 7  1  9 76         0.0      0.002    1.437    1.429

 8  1  9 76         0.0      0.001    1.431    1.422

 9  1  9 76         0.0      0.001    1.428    1.411

10  1  9 76         0.0      0.001    1.450    1.430

11  1  9 76         0.0      0.001    1.457    1.438

12  1  9 76         0.0      0.001    1.456    1.438

13  1  9 76         0.0      0.002    1.453    1.439

14  1  9 76         0.0      0.001    1.448    1.431

15  1  9 76         0.0      0.001    1.489    1.471

16  1  9 76         0.0      0.001    1.443    1.425

17  1  9 76         0.0      0.001    1.438    1.421

18  1  9 76         0.0      0.001    1.445    1.427

19  1  9 76         0.0      0.001    1.454    1.434

20  1  9 76         0.0      0.001    1.462    1.445

21  1  9 76         0.0      0.001    1.470    1.454

22  1  9 76         0.0      0.002    1.474    1.458

23  1  9 76      99.000   99.000   99.000   99.000
```

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                        AIR QUALITY DATA
HR DY MO  YR      SO2      H2S      THC      CH4
++ ++ ++  ++     +-----------------------------------+

 0  2  9  76     0.001    0.003    1.450    1.460

 1  2  9  76     0.001    0.003    1.450    1.460

 2  2  9  76     0.001    0.003    1.450    1.460

 3  2  9  76     0.001    0.003    1.450    1.465

 4  2  9  76     0.001    0.003    1.455    1.470

 5  2  9  76     0.001    0.003    1.490    1.485

 6  2  9  76     0.001    0.003    1.500    1.485

 7  2  9  76     0.001    0.003    1.455    1.465

 8  2  9  76     0.001    0.003    1.450    1.455

 9  2  9  76     0.001    0.003    1.450    1.450

10  2  9  76     0.001    0.003    1.455    1.450

11  2  9  76     0.001    0.003    1.450    1.450

12  2  9  76     0.001    0.003    1.490    1.475

13  2  9  76     0.001    0.003    1.430    1.430

14  2  9  76     0.001    0.003    1.482    1.425

15  2  9  76     0.001    0.003    1.430    1.422

16  2  9  76     0.001    0.003    1.420    1.420

17  2  9  76     0.001    0.003    1.410    1.419

18  2  9  76     0.001    0.003    1.415    1.421

19  2  9  76     0.001    0.003    1.420    1.415

20  2  9  76     0.001    0.003    1.450    1.430

21  2  9  76     0.001    0.003    1.450    1.430

22  2  9  76     0.001    0.003    1.450    1.430

23  2  9  76     0.001    0.003    1.450    1.431
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	3	9	76	0.001	0.003	99.000	99.000
1	3	9	76	0.001	0.003	1.450	1.432
2	3	9	76	0.001	0.003	1.452	1.433
3	3	9	76	0.001	0.003	1.452	1.436
4	3	9	76	0.001	0.003	1.455	1.435
5	3	9	76	0.001	0.003	1.450	1.435
6	3	9	76	0.001	0.003	1.454	1.437
7	3	9	76	0.001	0.003	1.450	1.432
8	3	9	76	0.001	0.003	1.450	1.428
9	3	9	76	0.001	0.003	1.450	1.425
10	3	9	76	0.001	0.003	1.440	1.420
11	3	9	76	0.001	0.003	1.420	1.407
12	3	9	76	0.001	0.003	1.420	1.405
13	3	9	76	0.001	0.003	1.420	1.404
14	3	9	76	0.001	0.003	1.420	1.404
15	3	9	76	0.001	0.003	1.420	1.403
16	3	9	76	0.001	0.003	1.420	1.401
17	3	9	76	0.001	0.003	1.420	1.402
18	3	9	76	0.001	0.003	1.410	1.404
19	3	9	76	0.001	0.003	1.420	1.407
20	3	9	76	0.001	0.003	1.435	1.415
21	3	9	76	0.001	0.003	1.450	1.420
22	3	9	76	0.001	0.003	1.450	1.420
23	3	9	76	0.001	0.003	1.450	1.425

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                          AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++      +----------------------------------+

 0  4  9 76      0.001    0.003    1.452    1.427

 1  4  9 76      0.001    0.003    1.460    1.427

 2  4  9 76      0.001    0.003    1.450    1.426

 3  4  9 76      0.001    0.003    1.450    1.426

 4  4  9 76      0.001    0.003    1.450    1.430

 5  4  9 76      0.001    0.003    1.460    1.432

 6  4  9 76      0.001    0.003    1.460    1.432

 7  4  9 76      0.001    0.003    1.460    1.427

 8  4  9 76      0.001    0.003    1.450    1.421

 9  4  9 76      0.001    0.003    1.450    1.425

10  4  9 76      0.001    0.003    1.430    1.417

11  4  9 76      0.001    0.003    1.420    1.415

12  4  9 76      0.001    0.003    1.425    1.410

13  4  9 76      0.001    0.003    1.420    1.410

14  4  9 76      0.001    0.003    1.420    1.417

15  4  9 76      0.001    0.003    1.410    1.410

16  4  9 76      0.001    0.003    1.420    1.417

17  4  9 76      0.001    0.003    1.440    1.410

18  4  9 76      0.001    0.003    1.430    1.419

19  4  9 76      0.001    0.003    1.430    1.427

20  4  9 76      0.001    0.003    1.440    1.430

21  4  9 76      0.001    0.003    1.430    1.439

22  4  9 76      0.001    0.003    1.435    1.445

23  4  9 76      0.001    0.003    1.440    1.445
```

```
                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++          +------------------------------+

 0  5  9 76          0.001    0.003    1.450    1.450

 1  5  9 76          0.001    0.003    1.450    1.450

 2  5  9 76          0.001    0.003    1.430    1.442

 3  5  9 76          0.001    0.003    1.440    1.450

 4  5  9 76          0.001    0.003    1.450    1.460

 5  5  9 76          0.001    0.003    1.445    1.461

 6  5  9 76          0.001    0.003    1.450    1.463

 7  5  9 76          0.001    0.003    1.445    1.462

 8  5  9 76          0.001    0.003    1.435    1.450

 9  5  9 76          0.001    0.003    1.425    1.450

10  5  9 76          0.001    0.003    1.420    1.440

11  5  9 76          0.001    0.003    1.420    1.435

12  5  9 76          0.001    0.003    1.410    1.423

13  5  9 76          0.001    0.003    1.410    1.428

14  5  9 76          0.001    0.003    1.442    1.450

15  5  9 76          0.001    0.003    1.439    1.410

16  5  9 76          0.001    0.003    1.390    1.415

17  5  9 76          0.001    0.003    1.400    1.421

18  5  9 76          0.001    0.003    1.410    1.423

19  5  9 76          0.001    0.003    1.410    1.430

20  5  9 76          0.001    0.003    1.410    1.435

21  5  9 76          0.001    0.003    1.420    1.440

22  5  9 76          0.001    0.003    1.420    1.445

23  5  9 76          0.001    0.003    1.420    1.452
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	6	9	76	0.001	0.003	1.450	1.461
1	6	9	76	0.001	0.003	1.430	1.470
2	6	9	76	0.001	0.003	1.420	1.440
3	6	9	76	0.001	0.003	1.400	1.430
4	6	9	76	0.001	0.003	1.400	1.428
5	6	9	76	0.001	0.003	1.410	1.435
6	6	9	76	0.001	0.003	1.420	1.442
7	6	9	76	0.001	0.003	1.420	1.438
8	6	9	76	0.001	0.003	1.420	1.438
9	6	9	76	0.001	0.003	1.410	1.433
10	6	9	76	0.001	0.003	1.420	1.435
11	6	9	76	0.001	0.003	1.400	1.425
12	6	9	76	0.001	0.003	1.370	1.400
13	6	9	76	0.001	0.003	1.350	1.380
14	6	9	76	0.001	0.003	1.340	1.375
15	6	9	76	0.001	0.003	99.000	99.000
16	6	9	76	0.001	0.003	1.360	1.390
17	6	9	76	0.001	0.003	1.350	1.380
18	6	9	76	0.001	0.003	1.350	1.382
19	6	9	76	0.001	0.003	1.360	1.395
20	6	9	76	0.001	0.003	1.360	1.389
21	6	9	76	0.001	0.003	1.350	1.382
22	6	9	76	0.001	0.003	1.360	1.400
23	6	9	76	0.001	0.003	1.380	1.400

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4
0	7	9	76	0.001	0.003	1.380	1.400
1	7	9	76	0.001	0.003	1.390	1.410
2	7	9	76	0.001	0.003	1.390	1.410
3	7	9	76	0.001	0.003	1.370	1.410
4	7	9	76	0.001	0.003	1.370	1.400
5	7	9	76	0.001	0.003	1.375	1.400
6	7	9	76	0.001	0.003	1.365	1.400
7	7	9	76	0.001	0.003	1.370	1.400
8	7	9	76	0.001	0.003	1.350	1.385
9	7	9	76	0.001	0.003	1.370	1.410
10	7	9	76	0.001	0.003	1.360	1.390
11	7	9	76	0.001	0.003	1.350	1.382
12	7	9	76	0.001	0.003	1.340	1.382
13	7	9	76	0.001	0.003	1.350	1.382
14	7	9	76	0.001	0.003	1.370	1.385
15	7	9	76	0.001	0.003	1.350	1.387
16	7	9	76	0.001	0.003	1.350	1.392
17	7	9	76	0.001	0.003	1.370	1.390
18	7	9	76	0.001	0.003	1.350	1.383
19	7	9	76	0.001	0.003	1.350	1.393
20	7	9	76	0.001	0.003	1.375	1.410
21	7	9	76	0.001	0.003	1.380	1.409
22	7	9	76	0.001	0.003	1.380	1.407
23	7	9	76	0.001	0.003	1.380	1.405

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	8	9	76	0.001	0.003	1.380	1.410
1	8	9	76	0.001	0.003	1.380	1.410
2	8	9	76	0.001	0.003	1.370	1.421
3	8	9	76	0.001	0.003	1.400	1.427
4	8	9	76	0.001	0.003	1.420	1.430
5	8	9	76	0.001	0.003	1.420	1.434
6	8	9	76	0.001	0.003	1.410	1.438
7	8	9	76	0.001	0.003	1.420	1.440
8	8	9	76	0.001	0.003	1.420	1.440
9	8	9	76	0.001	0.003	1.400	1.425
10	8	9	76	0.001	0.003	1.398	1.427
11	8	9	76	0.001	0.003	1.420	1.446
12	8	9	76	0.001	0.003	1.430	1.457
13	8	9	76	0.001	0.003	1.420	1.446
14	8	9	76	0.001	0.003	1.420	1.445
15	8	9	76	0.001	0.003	1.420	1.443
16	8	9	76	0.001	0.003	1.420	1.442
17	8	9	76	0.001	0.003	1.440	1.450
18	8	9	76	0.001	0.003	1.440	1.460
19	8	9	76	0.001	0.003	1.480	1.475
20	8	9	76	0.001	0.003	1.480	1.495
21	8	9	76	0.001	0.003	1.480	1.505
22	8	9	76	0.001	0.003	1.500	1.530
23	8	9	76	0.001	0.003	1.500	1.510

```
                        AIR  QUALITY  DATA
HR  DY  MO  YR      SO2       H2S       THC       CH4
++  ++  ++  ++     +------------------------------------------+

 0   9   9  76     0.001     0.003     1.450     1.477

 1   9   9  76     0.001     0.003     1.440     1.468

 2   9   9  76     0.001     0.003     1.420     1.465

 3   9   9  76     0.001     0.003     1.450     1.470

 4   9   9  76     0.001     0.003     1.450     1.470

 5   9   9  76     0.001     0.003     1.450     1.473

 6   9   9  76     0.001     0.003     1.470     1.480

 7   9   9  76     0.001     0.003     1.450     1.475

 8   9   9  76     0.001     0.003     1.450     1.463

 9   9   9  76     0.001     0.003     1.420     1.440

10   9   9  76     0.001     0.003     1.420     1.442

11   9   9  76     0.001     0.003     1.420     1.440

12   9   9  76     0.001     0.003     1.440     1.450

13   9   9  76     0.001     0.003    99.000    99.000

14   9   9  76     0.001     0.003     1.400     1.430

15   9   9  76     0.001     0.003     1.410     1.440

16   9   9  76     0.001     0.003     1.410     1.440

17   9   9  76     0.001     0.003     1.430     1.455

18   9   9  76     0.001     0.003     1.450     1.470

19   9   9  76     0.001     0.003     1.460     1.490

20   9   9  76     0.001     0.003     1.450     1.481

21   9   9  76     0.001     0.003     1.460     1.487

22   9   9  76     0.001     0.003     1.450     1.480

23   9   9  76     0.001     0.003     1.455     1.484
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++          +-------------------------------+

 0 10  9 76          0.001    0.003    1.450    1.480

 1 10  9 76          0.001    0.003    1.450    1.478

 2 10  9 76          0.001    0.003    1.430    1.452

 3 10  9 76          0.001    0.003    1.420    1.440

 4 10  9 76          0.001    0.003    1.410    1.437

 5 10  9 76          0.001    0.003    1.410    1.435

 6 10  9 76          0.001    0.003    1.410    1.433

 7 10  9 76          0.001    0.003    1.400    1.429

 8 10  9 76          0.001    0.003    1.400    1.425

 9 10  9 76          0.001    0.003    1.400    1.423

10 10  9 76          0.001    0.003    1.400    1.422

11 10  9 76          0.001    0.003    1.395    1.418

12 10  9 76          0.001    0.003    1.410    1.440

13 10  9 76          0.001    0.003    1.410    1.440

14 10  9 76          0.001    0.003    1.430    1.441

15 10  9 76          0.001    0.003    1.400    1.435

16 10  9 76          0.001    0.003    1.400    1.428

17 10  9 76          0.001    0.003    1.395    1.420

18 10  9 76          0.001    0.003    1.390    1.420

19 10  9 76          0.001    0.003    1.390    1.415

20 10  9 76          0.001    0.003    1.400    1.415

21 10  9 76          0.001    0.003    1.400    1.419

22 10  9 76          0.001    0.003    1.395    1.420

23 10  9 76          0.001    0.003    1.400    1.420
```

```
                      AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++          +-------------------------------+

 0 11  9 76         0.001    0.003    1.390    1.420

 1 11  9 76         0.001    0.003    1.390    1.415

 2 11  9 76         0.001    0.003    1.400    1.418

 3 11  9 76         0.001    0.003    1.400    1.418

 4 11  9 76         0.001    0.003    1.370    1.411

 5 11  9 76         0.001    0.003    1.380    1.405

 6 11  9 76         0.001    0.003    1.370    1.409

 7 11  9 76         0.001    0.003    1.395    1.417

 8 11  9 76         0.001    0.003    1.365    1.400

 9 11  9 76         0.001    0.003    1.355    1.385

10 11  9 76         0.001    0.003    1.365    1.383

11 11  9 76         0.001    0.003    1.365    1.382

12 11  9 76         0.001    0.003    1.365    1.385

13 11  9 76         0.001    0.003    1.365    1.381

14 11  9 76         0.001    0.003    1.355    1.382

15 11  9 76         0.001    0.003    1.370    1.385

16 11  9 76         0.001    0.003    1.380    1.396

17 11  9 76         0.001    0.003    1.370    1.395

18 11  9 76         0.001    0.003    1.370    1.390

19 11  9 76         0.001    0.003    1.360    1.389

20 11  9 76         0.001    0.003    1.365    1.390

21 11  9 76         0.001    0.003    1.370    1.390

22 11  9 76         0.001    0.003    1.370    1.393

23 11  9 76         0.001    0.003    1.380    1.390
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                         AIR QUALITY DATA
HR DY MO YR               SO2      H2S      THC      CH4
++ ++ ++ ++              +-------------------------------+

 0 12  9 76            0.001    0.003    1.370    1.398

 1 12  9 76            0.001    0.003    1.370    1.392

 2 12  9 76            0.001    0.003    1.360    1.390

 3 12  9 76            0.001    0.003    1.360    1.380

 4 12  9 76            0.001    0.003    1.340    1.378

 5 12  9 76            0.001    0.003    1.340    1.380

 6 12  9 76            0.001    0.003    1.350    1.382

 7 12  9 76            0.001    0.003    1.360    1.390

 8 12  9 76            0.001    0.003    1.355    1.378

 9 12  9 76            0.001    0.003    1.340    1.370

10 12  9 76            0.001    0.003    1.340    1.365

11 12  9 76            0.001    0.003    1.340    1.360

12 12  9 76            0.001    0.003    1.340    1.365

13 12  9 76            0.001    0.003    1.330    1.358

14 12  9 76            0.001    0.003    1.350    1.375

15 12  9 76            0.001    0.003    1.400    1.405

16 12  9 76            0.001    0.003    1.370    1.385

17 12  9 76            0.001    0.003    1.370    1.385

18 12  9 76            0.001    0.003    1.375    1.385

19 12  9 76            0.001    0.003    1.380    1.393

20 12  9 76            0.001    0.003    1.400    1.409

21 12  9 76            0.001    0.003    1.410    1.412

22 12  9 76            0.001    0.003    1.410    1.415

23 12  9 76            0.001    0.003    1.430    1.413
```

```
                          AIR QUALITY DATA
HR DY  MO  YR       SO2       H2S       THC       CH4
++ ++  ++  ++      +------------------------------------+

 0 13   9  76      0.001     0.003     1.420     1.415

 1 13   9  76      0.001     0.003     1.420     1.420

 2 13   9  76      0.001     0.003     1.430     1.422

 3 13   9  76      0.001     0.003     1.440     1.425

 4 13   9  76      0.001     0.003     1.450     1.445

 5 13   9  76      0.001     0.003     1.480     1.470

 6 13   9  76      0.001     0.003     1.450     1.445

 7 13   9  76      0.001     0.003     1.420     1.418

 8 13   9  76      0.001     0.003     1.410     1.418

 9 13   9  76      0.001     0.003     1.410     1.414

10 13   9  76      0.001     0.003     1.400     1.398

11 13   9  76      0.001     0.003     1.400     1.395

12 13   9  76      0.001     0.003     1.420     1.417

13 13   9  76      0.001     0.003     1.440     1.424

14 13   9  76      0.001     0.003     1.445     1.430

15 13   9  76      0.001     0.003     1.440     1.428

16 13   9  76      0.001     0.003     1.450     1.432

17 13   9  76      0.001     0.003     1.440     1.431

18 13   9  76      0.001     0.003     1.520     1.494

19 13   9  76      0.001     0.003     1.500     1.475

20 13   9  76      0.001     0.003     1.500     1.475

21 13   9  76      0.001     0.003     1.480     1.468

22 13   9  76      0.001     0.003     1.470     1.458

23 13   9  76      0.001     0.003     1.450     1.457
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR DY  MO  YR           SO2      H2S      THC      CH4
++ ++  ++  ++          +------------------------------+

 0 14   9  76          0.001    0.003    1.430    1.430

 1 14   9  76          0.001    0.003    1.420    1.422

 2 14   9  76          0.001    0.003    1.420    1.418

 3 14   9  76          0.001    0.003    1.420    1.418

 4 14   9  76          0.001    0.003    1.420    1.420

 5 14   9  76          0.001    0.003    1.420    1.417

 6 14   9  76          0.001    0.003    1.440    1.435

 7 14   9  76          0.001    0.003    1.430    1.425

 8 14   9  76          0.001    0.003    1.440    1.425

 9 14   9  76          0.001    0.003    1.470    1.450

10 14   9  76          0.001    0.003    1.450    1.442

11 14   9  76          0.001    0.003    1.440    1.422

12 14   9  76          0.001    0.003    1.410    1.408

13 14   9  76          0.001    0.003    1.400    1.395

14 14   9  76          0.001    0.003    1.430    1.408

15 14   9  76          0.001    0.003    1.410    1.402

16 14   9  76          0.001    0.003    1.400    1.400

17 14   9  76          0.001    0.003    1.400    1.390

18 14   9  76          0.001    0.003    1.400    1.400

19 14   9  76          0.001    0.003    1.460    1.450

20 14   9  76          0.001    0.003    1.450    1.457

21 14   9  76          0.001    0.003    1.470    1.457

22 14   9  76          0.001    0.003    1.460    1.460

23 14   9  76          0.001    0.003    1.450    1.446
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR DY MO YR              SO2      H2S      THC      CH4
++ ++ ++ ++             +-------------------------------+

 0 15  9 76            0.001    0.003    1.430    1.422

 1 15  9 76            0.001    0.003    1.420    1.415

 2 15  9 76            0.001    0.003    1.460    1.435

 3 15  9 76            0.001    0.003    1.470    1.446

 4 15  9 76            0.001    0.003    1.450    1.433

 5 15  9 76            0.001    0.003    1.450    1.432

 6 15  9 76            0.001    0.003    1.450    1.430

 7 15  9 76            0.001    0.003    1.420    1.413

 8 15  9 76            0.001    0.003    1.400    1.398

 9 15  9 76            0.001    0.003    1.400    1.385

10 15  9 76            0.001    0.003    1.380    1.382

11 15  9 76            0.001    0.003    1.380    1.380

12 15  9 76            0.001    0.003    1.370    1.375

13 15  9 76            0.001    0.003    1.370    1.390

14 15  9 76            0.001    0.003    1.400    1.400

15 15  9 76            0.001    0.003    1.410    1.410

16 15  9 76            0.001    0.003    1.420    1.396

17 15  9 76            0.001    0.003    1.430    1.425

18 15  9 76            0.001    0.003    1.430    1.425

19 15  9 76            0.001    0.003    1.430    1.428

20 15  9 76            0.001    0.003    1.470    1.465

21 15  9 76            0.001    0.003    1.440    1.435

22 15  9 76            0.001    0.003    1.420    1.415

23 15  9 76            0.0      0.003    1.400    1.403
```

```
                       AIR QUALITY DATA
HR DY MO YR         SO2       H2S       THC       CH4
++ ++ ++ ++        +-----------------------------------------+

 0 16  9 76       0.001     0.003     1.400     1.400

 1 16  9 76       0.001     0.003     1.400     1.400

 2 16  9 76       0.001     0.003     1.400     1.400

 3 16  9 76       0.001     0.003     1.400     1.404

 4 16  9 76       0.001     0.003     1.400     1.400

 5 16  9 76       0.001     0.003     1.400     1.402

 6 16  9 76       0.001     0.003     1.400     1.400

 7 16  9 76       0.001     0.003     1.400     1.400

 8 16  9 76       0.001     0.003     1.400     1.395

 9 16  9 76       0.001     0.003     1.380     1.390

10 16  9 76       0.001     0.003     1.380     1.385

11 16  9 76       0.001     0.003     1.400     1.404

12 16  9 76       0.001     0.003     1.420     1.408

13 16  9 76       0.001     0.003     1.410     1.410

14 16  9 76       0.001     0.003     1.400     1.405

15 16  9 76       0.001     0.003     1.400     1.400

16 16  9 76       0.001     0.003     1.400     1.404

17 16  9 76       0.001     0.003     1.400     1.405

18 16  9 76       0.001     0.003     1.420     1.415

19 16  9 76       0.001     0.003     1.410     1.425

20 16  9 76       0.001     0.003     1.420     1.428

21 16  9 76       0.001     0.003     1.430     1.435

22 16  9 76       0.001     0.003     1.450     1.458

23 16  9 76       0.001     0.003     1.420     1.436
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S       THC       CH4
++ ++ ++ ++          +------------------------------------+

 0 17  9 76         0.001     0.003     1.430     1.432

 1 17  9 76         0.001     0.003     1.400     1.410

 2 17  9 76         0.001     0.003     1.400     1.402

 3 17  9 76         0.001     0.003     1.390     1.392

 4 17  9 76         0.001     0.003     1.380     1.395

 5 17  9 76         0.001     0.003     1.400     1.402

 6 17  9 76         0.001     0.003     1.400     1.405

 7 17  9 76         0.001     0.003     1.400     1.402

 8 17  9 76         0.001     0.003     1.390     1.395

 9 17  9 76         0.001     0.003     1.390     1.400

10 17  9 76         0.001     0.003     1.400     1.415

11 17  9 76         0.001     0.003     1.410     1.415

12 17  9 76         0.001     0.003     1.400     1.395

13 17  9 76         0.001     0.003     1.390     1.388

14 17  9 76         0.001     0.003     1.450     1.430

15 17  9 76         0.001     0.003     1.400     1.404

16 17  9 76         0.001     0.003     1.390     1.403

17 17  9 76         0.001     0.003     1.400     1.402

18 17  9 76         0.001     0.003     1.390     1.400

19 17  9 76         0.001     0.003     1.400     1.412

20 17  9 76         0.001     0.003     1.410     1.427

21 17  9 76         0.001     0.003     1.410     1.428

22 17  9 76         0.001     0.003     1.420     1.433

23 17  9 76         0.001     0.003     1.440     1.450
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++          +-----------------------------------+

 0 18  9 76          0.001    0.003    1.440    1.455

 1 18  9 76          0.001    0.003    1.450    1.455

 2 18  9 76          0.001    0.003    1.460    1.478

 3 18  9 76          0.001    0.003    1.460    1.475

 4 18  9 76          0.001    0.003    1.460    1.472

 5 18  9 76          0.001    0.003    1.460    1.470

 6 18  9 76          0.001    0.003    1.460    1.476

 7 18  9 76          0.001    0.003    1.460    1.475

 8 18  9 76          0.001    0.003    1.450    1.457

 9 18  9 76          0.001    0.003    1.430    1.438

10 18  9 76          0.001    0.003    1.420    1.433

11 18  9 76         99.000   99.000   99.000   99.000

12 18  9 76          0.001    0.003    1.410    1.420

13 18  9 76          0.0      0.002    1.436    1.423

14 18  9 76          0.0      0.001    1.427    1.418

15 18  9 76          0.0      0.001    1.425    1.418

16 18  9 76          0.0      0.001    1.423    1.419

17 18  9 76          0.0      0.001    1.427    1.421

18 18  9 76          0.0      0.002    1.435    1.429

19 18  9 76          0.0      0.002    1.450    1.444

20 18  9 76          0.0      0.002    1.464    1.458

21 18  9 76          0.0      0.002    1.478    1.468

22 18  9 76          0.0      0.002    1.489    1.477

23 18  9 76          0.0      0.002    1.496    1.484
```

```
                       AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +---------------------------------+

 0 19  9 76        0.0      0.002    1.500    1.490

 1 19  9 76        0.0      0.002    1.514    1.499

 2 19  9 76        0.0      0.002    1.517    1.504

 3 19  9 76        0.0      0.002    1.522    1.509

 4 19  9 76        0.0      0.002    1.529    1.515

 5 19  9 76        0.0      0.002    1.515    1.497

 6 19  9 76        0.0      0.002    1.488    1.469

 7 19  9 76        0.0      0.002    1.491    1.466

 8 19  9 76        0.0      0.002    1.500    1.469

 9 19  9 76        0.0      0.001    1.493    1.459

10 19  9 76        0.0      0.002    1.478    1.439

11 19  9 76        0.0      0.002    1.467    1.428

12 19  9 76        0.0      0.002    1.483    1.439

13 19  9 76        0.0      0.002    1.478    1.450

14 19  9 76        0.0      0.002    1.459    1.440

15 19  9 76        0.0      0.001    1.463    1.444

16 19  9 76        0.0      0.002    1.474    1.450

17 19  9 76        0.0      0.002    1.450    1.436

18 19  9 76        0.0      0.001    1.465    1.453

19 19  9 76        0.0      0.002    1.472    1.457

20 19  9 76        0.0      0.002    1.485    1.472

21 19  9 76        0.0      0.002    1.499    1.484

22 19  9 76        0.0      0.002    1.514    1.495

23 19  9 76        0.0      0.002    1.521    1.504
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++      +------------------------------+

 0 20  9 76      0.0      0.002    1.525    1.509

 1 20  9 76      0.0      0.002    1.551    1.532

 2 20  9 76      0.0      0.002    1.556    1.531

 3 20  9 76      0.0      0.002    1.570    1.540

 4 20  9 76      0.0      0.002    1.574    1.539

 5 20  9 76      0.0      0.002    1.557    1.524

 6 20  9 76      0.0      0.002    1.534    1.509

 7 20  9 76      0.0      0.002    1.517    1.491

 8 20  9 76      0.0      0.002    1.504    1.480

 9 20  9 76      0.0      0.002    1.491    1.467

10 20  9 76      0.0      0.001    1.472    1.445

11 20  9 76      0.0      0.002    1.463    1.434

12 20  9 76      0.0      0.002    1.474    1.435

13 20  9 76      0.0      0.002    1.477    1.446

14 20  9 76      0.0      0.001    1.450    1.429

15 20  9 76      0.0      0.002    1.435    1.420

16 20  9 76      0.0      0.002    1.433    1.419

17 20  9 76      0.0      0.002    1.440    1.428

18 20  9 76      0.0      0.002    1.439    1.429

19 20  9 76      0.0      0.002    1.468    1.449

20 20  9 76      0.0      0.002    1.487    1.469

21 20  9 76      0.0      0.002    1.492    1.478

22 20  9 76      0.0      0.002    1.492    1.481

23 20  9 76      0.0      0.002    1.466    1.462
```

```
                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++         +------------------------------------+

 0 21  9 76         0.0      0.002    1.443    1.440

 1 21  9 76         0.001    0.002    1.440    1.437

 2 21  9 76         0.001    0.002    1.448    1.443

 3 21  9 76         0.001    0.002    1.455    1.450

 4 21  9 76         0.0      0.002    1.459    1.452

 5 21  9 76         0.0      0.001    1.462    1.455

 6 21  9 76         0.0      0.002    1.465    1.457

 7 21  9 76         0.0      0.002    1.461    1.451

 8 21  9 76         0.0      0.002    1.450    1.444

 9 21  9 76         0.0      0.002    1.442    1.433

10 21  9 76         0.0      0.002    1.423    1.416

11 21  9 76         0.0      0.002    1.422    1.413

12 21  9 76         0.0      0.002    1.416    1.407

13 21  9 76         0.001    0.002    1.417    1.410

14 21  9 76         0.0      0.002    1.434    1.422

15 21  9 76         0.0      0.002    1.457    1.446

16 21  9 76         0.0      0.002    1.480    1.462

17 21  9 76         0.0      0.002    1.479    1.463

18 21  9 76         0.0      0.002    1.468    1.456

19 21  9 76         0.0      0.002    1.446    1.443

20 21  9 76         0.0      0.002    1.445    1.444

21 21  9 76         0.0      0.001    1.456    1.454

22 21  9 76         0.0      0.002    1.453    1.450

23 21  9 76         0.0      0.002    1.443    1.443
```

```
                     AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC      CH4
++ ++ ++ ++     +-----------------------------+

 0 22  9 76     0.001    0.002    1.422    1.425

 1 22  9 76     0.0      0.002    1.405    1.413

 2 22  9 76     0.001    0.002    1.396    1.405

 3 22  9 76     0.001    0.002    1.391    1.401

 4 22  9 76     0.0      0.002    1.390    1.401

 5 22  9 76     0.001    0.002    1.394    1.403

 6 22  9 76     0.001    0.002    1.395    1.403

 7 22  9 76     0.0      0.002    1.396    1.405

 8 22  9 76     0.0      0.002    1.393    1.402

 9 22  9 76     0.0      0.002    1.392    1.400

10 22  9 76     0.0      0.001    1.387    1.395

11 22  9 76     0.0      0.002    1.380    1.389

12 22  9 76     0.0      0.002    1.374    1.378

13 22  9 76     0.0      0.002    1.363    1.368

14 22  9 76     0.0      0.002    1.360    1.363

15 22  9 76     0.0      0.002    1.359    1.364

16 22  9 76     0.0      0.002    1.372    1.375

17 22  9 76     0.0      0.002    1.388    1.386

18 22  9 76     0.0      0.002    1.387    1.385

19 22  9 76     0.0      0.002    1.387    1.388

20 22  9 76     0.001    0.002    1.398    1.398

21 22  9 76     0.0      0.002    1.405    1.403

22 22  9 76     0.0      0.002    1.403    1.406

23 22  9 76     0.0      0.001    1.405    1.409
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                         AIR QUALITY DATA
HR DY MO YR               SO2      H2S      THC      CH4
++ ++ ++ ++              +------------------------------+

 0 23  9 76              0.001    0.002    1.416    1.417

 1 23  9 76              0.0      0.002    1.412    1.412

 2 23  9 76              0.001    0.002    1.404    1.408

 3 23  9 76              0.001    0.002    1.396    1.404

 4 23  9 76              0.0      0.002    1.393    1.403

 5 23  9 76              0.001    0.002    1.393    1.400

 6 23  9 76              0.001    0.002    1.394    1.400

 7 23  9 76              0.001    0.002    1.391    1.399

 8 23  9 76              0.001    0.001    1.387    1.397

 9 23  9 76              0.0      0.002    1.375    1.387

10 23  9 76              0.0      0.002    1.366    1.381

11 23  9 76              0.001    0.001    1.361    1.381

12 23  9 76              0.0      0.002    1.368    1.381

13 23  9 76              0.0      0.002    1.369    1.381

14 23  9 76              0.0      0.002    1.377    1.381

15 23  9 76              0.0      0.002    1.364    1.381

16 23  9 76              0.0      0.002    1.356    1.381

17 23  9 76              0.0      0.002    1.357    1.381

18 23  9 76              0.0      0.002   99.000   99.000

19 23  9 76              0.0      0.002   99.000   99.000

20 23  9 76              0.0      0.001   99.000   99.000

21 23  9 76              0.0      0.002   99.000   99.000

22 23  9 76              0.001    0.002   99.000   99.000

23 23  9 76              0.001    0.002   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                    AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 24  9 76      0.001    0.002    99.000   99.000

 1 24  9 76      0.001    0.002    99.000   99.000

 2 24  9 76      0.001    0.002    99.000   99.000

 3 24  9 76      0.0      0.002    99.000   99.000

 4 24  9 76      0.001    0.002    99.000   99.000

 5 24  9 76      0.0      0.001    99.000   99.000

 6 24  9 76      0.001    0.002    99.000   99.000

 7 24  9 76      0.0      0.002    99.000   99.000

 8 24  9 76      0.0      0.002    99.000   99.000

 9 24  9 76      0.0      0.002    99.000   99.000

10 24  9 76      0.001    0.002    99.000   99.000

11 24  9 76      0.001    0.002    99.000   99.000

12 24  9 76      0.0      0.002    99.000   99.000

13 24  9 76      0.001    0.002    99.000   99.000

14 24  9 76      0.001    0.002    99.000   99.000

15 24  9 76      0.001    0.002    99.000   99.000

16 24  9 76      0.001    0.002    99.000   99.000

17 24  9 76      0.001    0.002    99.000   99.000

18 24  9 76      0.001    0.002    99.000   99.000

19 24  9 76      0.001    0.002    99.000   99.000

20 24  9 76      0.001    0.002    99.000   99.000

21 24  9 76      0.001    0.002    99.000   99.000

22 24  9 76      0.001    0.002    99.000   99.000

23 24  9 76      0.001    0.002    99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR DY MO  YR     SO2      H2S      THC       CH4
++ ++ ++  ++    +-----------------------------------+

 0 25  9  76    0.001    0.002    99.000    99.000

 1 25  9  76    0.001    0.002    99.000    99.000

 2 25  9  76    0.001    0.002    99.000    99.000

 3 25  9  76    0.001    0.002    99.000    99.000

 4 25  9  76    0.001    0.002    99.000    99.000

 5 25  9  76    0.001    0.002    99.000    99.000

 6 25  9  76    0.001    0.002    99.000    99.000

 7 25  9  76    0.001    0.002    99.000    99.000

 8 25  9  76    0.001    0.002    99.000    99.000

 9 25  9  76    0.001    0.002    99.000    99.000

10 25  9  76    0.001    0.002    99.000    99.000

11 25  9  76    0.001    0.002    99.000    99.000

12 25  9  76    0.001    0.002    99.000    99.000

13 25  9  76    0.001    0.002    99.000    99.000

14 25  9  76    0.001    0.002    99.000    99.000

15 25  9  76    0.001    0.002    99.000    99.000

16 25  9  76    0.001    0.002    99.000    99.000

17 25  9  76    0.001    0.002    99.000    99.000

18 25  9  76    0.001    0.002    99.000    99.000

19 25  9  76    0.001    0.002    99.000    99.000

20 25  9  76    0.001    0.002    99.000    99.000

21 25  9  76    0.001    0.002    99.000    99.000

22 25  9  76    0.001    0.002    99.000    99.000

23 25  9  76    0.001    0.002    99.000    99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR DY MO  YR          SO2      H2S      THC      CH4
++ ++ ++  ++       +-----------------------------------+

 0 26  9  76      0.001    0.002   99.000   99.000

 1 26  9  76      0.001    0.002   99.000   99.000

 2 26  9  76      0.001    0.002   99.000   99.000

 3 26  9  76      0.001    0.002   99.000   99.000

 4 26  9  76      0.001    0.002   99.000   99.000

 5 26  9  76      0.001    0.002   99.000   99.000

 6 26  9  76      0.001    0.002   99.000   99.000

 7 26  9  76      0.001    0.002   99.000   99.000

 8 26  9  76      0.001    0.002   99.000   99.000

 9 26  9  76      0.001    0.002   99.000   99.000

10 26  9  76      0.001    0.002   99.000   99.000

11 26  9  76      0.001    0.002   99.000   99.000

12 26  9  76      0.001    0.002   99.000   99.000

13 26  9  76      0.001    0.002   99.000   99.000

14 26  9  76      0.001    0.002   99.000   99.000

15 26  9  76      0.001    0.002   99.000   99.000

16 26  9  76      0.001    0.002   99.000   99.000

17 26  9  76      0.001    0.002   99.000   99.000

18 26  9  76      0.001    0.002   99.000   99.000

19 26  9  76      0.001    0.002   99.000   99.000

20 26  9  76      0.001    0.002   99.000   99.000

21 26  9  76      0.001    0.002   99.000   99.000

22 26  9  76      0.001    0.002   99.000   99.000

23 26  9  76      0.001    0.002   99.000   99.000
```

```
                         AIR QUALITY DATA
HR DY MO YR        SO2       H2S       THC       CH4
++ ++ ++ ++      +-----------------------------------------+

 0 27  9 76      0.001     0.002    99.000    99.000

 1 27  9 76      0.001     0.002    99.000    99.000

 2 27  9 76      0.001     0.002    99.000    99.000

 3 27  9 76      0.001     0.002    99.000    99.000

 4 27  9 76      0.001     0.002    99.000    99.000

 5 27  9 76      0.001     0.002    99.000    99.000

 6 27  9 76      0.001     0.002    99.000    99.000

 7 27  9 76      0.001     0.002    99.000    99.000

 8 27  9 76      0.001     0.002    99.000    99.000

 9 27  9 76      0.001     0.002    99.000    99.000

10 27  9 76      0.001     0.002    99.000    99.000

11 27  9 76      0.001     0.002    99.000    99.000

12 27  9 76     99.000    99.000    99.000    99.000

13 27  9 76     99.000    99.000    99.000    99.000

14 27  9 76     99.000    99.000    99.000    99.000

15 27  9 76     99.000    99.000    99.000    99.000

16 27  9 76     99.000    99.000    99.000    99.000

17 27  9 76     99.000    99.000    99.000    99.000

18 27  9 76     99.000    99.000    99.000    99.000

19 27  9 76      0.003     0.004    99.000    99.000

20 27  9 76      0.001     0.003     1.443     1.393

21 27  9 76      0.001     0.003     1.448     1.399

22 27  9 76      0.001     0.003     1.448     1.402

23 27  9 76      0.001     0.003     1.449     1.402
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	28	9	76	0.001	0.003	1.448	1.401
1	28	9	76	0.001	0.003	1.446	1.401
2	28	9	76	0.001	0.003	1.446	1.402
3	28	9	76	0.001	0.003	1.447	1.404
4	28	9	76	0.001	0.003	1.446	1.405
5	28	9	76	0.001	0.003	1.447	1.405
6	28	9	76	0.001	0.003	1.448	1.403
7	28	9	76	0.001	0.003	1.447	1.404
8	28	9	76	0.001	0.003	1.444	1.401
9	28	9	76	0.001	0.003	1.435	1.397
10	28	9	76	0.001	0.003	1.428	1.393
11	28	9	76	0.001	0.003	1.415	1.381
12	28	9	76	0.001	0.003	1.409	1.368
13	28	9	76	0.001	0.003	1.396	1.359
14	28	9	76	0.001	0.003	1.389	1.359
15	28	9	76	0.001	0.003	1.389	1.360
16	28	9	76	0.001	0.003	1.397	1.368
17	28	9	76	0.001	0.003	1.397	1.367
18	28	9	76	0.001	0.003	1.397	1.368
19	28	9	76	0.001	0.003	1.428	1.393
20	28	9	76	0.001	0.003	1.439	1.403
21	28	9	76	0.001	0.003	1.444	1.409
22	28	9	76	0.001	0.003	1.446	1.411
23	28	9	76	0.001	0.003	1.449	1.413

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                         AIR QUALITY DATA
HR DY MO YR         SO2        H2S        THC        CH4
++ ++ ++ ++        +-----------------------------------------+

 0 29  9 76        0.001      0.003      1.449      1.415

 1 29  9 76        0.001      0.003      1.446      1.413

 2 29  9 76        0.001      0.003      1.447      1.413

 3 29  9 76        0.001      0.003      1.444      1.414

 4 29  9 76        0.001      0.003      1.448      1.408

 5 29  9 76        0.001      0.003      1.450      1.415

 6 29  9 76        0.001      0.003      1.449      1.416

 7 29  9 76        0.001      0.003      1.448      1.414

 8 29  9 76        0.001      0.003      1.444      1.411

 9 29  9 76        0.001      0.003      1.431      1.400

10 29  9 76        0.001      0.003      1.412      1.386

11 29  9 76        0.001      0.003      1.406      1.377

12 29  9 76        0.001      0.003      1.407      1.375

13 29  9 76        0.001      0.003      1.412      1.377

14 29  9 76        0.001      0.003      1.439      1.382

15 29  9 76        0.001      0.003      1.442      1.403

16 29  9 76        0.001      0.003      1.465      1.424

17 29  9 76        0.001      0.003      1.472      1.432

18 29  9 76        0.001      0.003      1.480      1.438

19 29  9 76        0.001      0.003      1.509      1.457

20 29  9 76        0.001      0.003      1.524      1.468

21 29  9 76        0.001      0.003      1.524      1.472

22 29  9 76        0.001      0.003      1.528      1.475

23 29  9 76        0.001      0.003      1.507      1.458
```

```
                         AIR QUALITY DATA
HR DY MO YR          SO2       H2S       THC       CH4
++ ++ ++ ++      +-----------------------------------------+

 0 30  9 76      0.001     0.003     1.491     1.438

 1 30  9 76      0.001     0.003     1.467     1.416

 2 30  9 76      0.001     0.003     1.448     1.402

 3 30  9 76      0.001     0.003     1.445     1.399

 4 30  9 76      0.001     0.003     1.444     1.397

 5 30  9 76      0.001     0.003    99.000    99.000

 6 30  9 76      0.001     0.003    99.000    99.000

 7 30  9 76      0.001     0.003    99.000    99.000

 8 30  9 76      0.001     0.003    99.000    99.000

 9 30  9 76      0.001     0.003    99.000    99.000

10 30  9 76      0.001     0.003    99.000    99.000

11 30  9 76      0.001     0.003    99.000    99.000

12 30  9 76      0.001     0.003    99.000    99.000

13 30  9 76      0.001     0.003    99.000    99.000

14 30  9 76      0.001     0.003    99.000    99.000

15 30  9 76      0.001     0.003    99.000    99.000

16 30  9 76      0.001     0.003    99.000    99.000

17 30  9 76      0.001     0.003    99.000    99.000

18 30  9 76      0.001     0.003    99.000    99.000

19 30  9 76      0.001     0.003     1.488     1.424

20 30  9 76      0.001     0.003     1.507     1.439

21 30  9 76      0.001     0.003     1.515     1.465

22 30  9 76      0.001     0.003     1.515     1.464

23 30  9 76      0.001     0.003     1.516     1.420
```

```
                      AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++        +----------------------------------+

 0  1 10 76        0.001    0.003    1.513    1.457

 1  1 10 76        0.001    0.003    1.513    1.462

 2  1 10 76        0.001    0.003    1.515    1.465

 3  1 10 76        0.001    0.003    1.517    1.466

 4  1 10 76        0.001    0.003    1.518    1.465

 5  1 10 76        0.001    0.003    1.520    1.468

 6  1 10 76        0.001    0.003    1.520    1.469

 7  1 10 76        0.001    0.003    1.460    1.416

 8  1 10 76        0.001    0.003    1.433    1.393

 9  1 10 76        0.001    0.003    1.411    1.377

10  1 10 76        0.001    0.003   99.000   99.000

11  1 10 76        0.001    0.003   99.000   99.000

12  1 10 76        0.001    0.003   99.000   99.000

13  1 10 76        0.001    0.003   99.000   99.000

14  1 10 76        0.001    0.003    1.417    1.405

15  1 10 76        0.001    0.003    1.433    1.424

16  1 10 76        0.001    0.003    1.441    1.431

17  1 10 76        0.001    0.003    1.447    1.436

18  1 10 76        0.001    0.003    1.459    1.441

19  1 10 76        0.001    0.003    1.465    1.449

20  1 10 76        0.001    0.003    1.469    1.453

21  1 10 76        0.001    0.003    1.474    1.456

22  1 10 76        0.001    0.003    1.482    1.463

23  1 10 76        0.001    0.003    1.488    1.466
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	2	10	76	0.001	0.003	1.487	1.464
1	2	10	76	0.001	0.003	1.493	1.468
2	2	10	76	0.001	0.003	1.501	1.472
3	2	10	76	0.001	0.003	1.505	1.475
4	2	10	76	0.001	0.003	1.503	1.472
5	2	10	76	0.001	0.003	1.506	1.474
6	2	10	76	0.001	0.003	1.506	1.474
7	2	10	76	0.001	0.003	1.501	1.470
8	2	10	76	0.001	0.003	1.492	1.463
9	2	10	76	0.001	0.003	1.474	1.450
10	2	10	76	0.001	0.003	1.466	1.442
11	2	10	76	0.001	0.003	1.455	1.432
12	2	10	76	0.001	0.003	1.448	1.425
13	2	10	76	0.001	0.003	1.433	1.412
14	2	10	76	0.001	0.003	1.415	1.400
15	2	10	76	0.001	0.003	1.403	1.388
16	2	10	76	0.001	0.003	1.403	1.384
17	2	10	76	0.001	0.003	1.404	1.384
18	2	10	76	0.001	0.003	1.408	1.389
19	2	10	76	0.001	0.003	1.406	1.388
20	2	10	76	0.001	0.003	1.408	1.390
21	2	10	76	0.001	0.003	1.409	1.392
22	2	10	76	0.001	0.003	1.412	1.369
23	2	10	76	0.001	0.003	1.412	1.387

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S       THC      CH4
++ ++ ++ ++           +--------------------------------------+

 0  3 10 76           0.001    0.003     1.411    1.389

 1  3 10 76           0.001    0.003     1.413    1.390

 2  3 10 76           0.001    0.003     1.418    1.395

 3  3 10 76           0.001    0.003     1.420    1.395

 4  3 10 76           0.001    0.003     1.422    1.396

 5  3 10 76           0.001    0.003     1.424    1.396

 6  3 10 76           0.001    0.003     1.427    1.397

 7  3 10 76           0.001    0.003     1.435    1.402

 8  3 10 76           0.001    0.003     1.441    1.405

 9  3 10 76           0.001    0.003     1.441    1.405

10  3 10 76           0.001    0.003    99.000   99.000

11  3 10 76           0.001    0.003     1.387    1.365

12  3 10 76           0.001    0.003     1.411    1.379

13  3 10 76           0.001    0.003     1.417    1.383

14  3 10 76           0.001    0.003     1.413    1.380

15  3 10 76           0.001    0.003     1.413    1.381

16  3 10 76           0.001    0.003     1.417    1.382

17  3 10 76           0.001    0.003     1.423    1.387

18  3 10 76           0.001    0.003     1.444    1.401

19  3 10 76           0.001    0.003     1.463    1.415

20  3 10 76           0.001    0.003     1.455    1.415

21  3 10 76           0.001    0.003     1.489    1.447

22  3 10 76           0.001    0.003     1.471    1.431

23  3 10 76           0.001    0.003     1.459    1.422
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	4	10	76	0.001	0.003	1.457	1.421
1	4	10	76	0.001	0.003	1.459	1.423
2	4	10	76	0.001	0.003	1.463	1.397
3	4	10	76	0.001	0.003	1.463	1.423
4	4	10	76	0.001	0.003	1.463	1.427
5	4	10	76	0.001	0.003	1.469	1.432
6	4	10	76	0.001	0.003	1.471	1.434
7	4	10	76	0.001	0.003	1.470	1.434
8	4	10	76	0.001	0.003	1.467	1.431
9	4	10	76	0.001	0.003	1.465	1.429
10	4	10	76	0.001	0.003	1.460	1.423
11	4	10	76	0.001	0.003	1.447	1.413
12	4	10	76	0.001	0.003	1.439	1.405
13	4	10	76	0.001	0.003	1.432	1.399
14	4	10	76	0.001	0.003	1.430	1.397
15	4	10	76	0.001	0.003	1.453	1.410
16	4	10	76	0.001	0.003	1.448	1.407
17	4	10	76	0.001	0.003	1.439	1.405
18	4	10	76	0.001	0.003	1.442	1.409
19	4	10	76	0.001	0.003	99.000	99.000
20	4	10	76	0.001	0.003	99.000	99.000
21	4	10	76	0.001	0.003	99.000	99.000
22	4	10	76	0.001	0.003	99.000	99.000
23	4	10	76	0.001	0.003	99.000	99.000

```
                          AIR QUALITY DATA
HR DY MO YR             SO2       H2S       THC       CH4
++ ++ ++ ++            +-----------------------------------+

 0  5 10 76           0.001     0.003    99.000    99.000

 1  5 10 76           0.001     0.003    99.000    99.000

 2  5 10 76           0.001     0.003    99.000    99.000

 3  5 10 76           0.001     0.003    99.000    99.000

 4  5 10 76           0.001     0.003    99.000    99.000

 5  5 10 76           0.001     0.003    99.000    99.000

 6  5 10 76           0.001     0.003    99.000    99.000

 7  5 10 76           0.001     0.003    99.000    99.000

 8  5 10 76           0.001     0.003    99.000    99.000

 9  5 10 76           0.001     0.003    99.000    99.000

10  5 10 76           0.001     0.003    99.000    99.000

11  5 10 76           0.001     0.003    99.000    99.000

12  5 10 76           0.001     0.003    99.000    99.000

13  5 10 76           0.001     0.003    99.000    99.000

14  5 10 76           0.001     0.003    99.000    99.000

15  5 10 76           0.001     0.003    99.000    99.000

16  5 10 76           0.001     0.003    99.000    99.000

17  5 10 76           0.001     0.003    99.000    99.000

18  5 10 76           0.001     0.003    99.000    99.000

19  5 10 76           0.001     0.003    99.000    99.000

20  5 10 76           0.001     0.003    99.000    99.000

21  5 10 76           0.001     0.003    99.000    99.000

22  5 10 76           0.001     0.003    99.000    99.000

23  5 10 76           0.001     0.003    99.000    99.000
```

```
                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++           +----------------------------------+

 0  6 10 76           0.001    0.003   99.000   99.000

 1  6 10 76           0.001    0.003   99.000   99.000

 2  6 10 76           0.001    0.003   99.000   99.000

 3  6 10 76           0.001    0.003   99.000   99.000

 4  6 10 76           0.001    0.003   99.000   99.000

 5  6 10 76           0.001    0.003   99.000   99.000

 6  6 10 76           0.001    0.003   99.000   99.000

 7  6 10 76           0.001    0.003   99.000   99.000

 8  6 10 76           0.001    0.003   99.000   99.000

 9  6 10 76           0.001    0.003   99.000   99.000

10  6 10 76           0.001    0.003   99.000   99.000

11  6 10 76           0.001    0.003   99.000   99.000

12  6 10 76           0.001    0.003   99.000   99.000

13  6 10 76           0.001    0.003   99.000   99.000

14  6 10 76           0.001    0.003   99.000   99.000

15  6 10 76           0.001    0.003   99.000   99.000

16  6 10 76           0.001    0.003   99.000   99.000

17  6 10 76           0.001    0.003   99.000   99.000

18  6 10 76           0.001    0.003   99.000   99.000

19  6 10 76           0.001    0.003   99.000   99.000

20  6 10 76           0.001    0.003   99.000   99.000

21  6 10 76           0.001    0.003   99.000   99.000

22  6 10 76           0.001    0.003   99.000   99.000

23  6 10 76           0.001    0.003   99.000   99.000
```

```
                          AIR QUALITY DATA
HR  DY  MO  YR            SO2      H2S      THC      CH4
++  ++  ++  ++          +-------------------------------------+

 0   7  10  76          0.001    0.003   99.000   99.000

 1   7  10  76          0.001    0.003   99.000   99.000

 2   7  10  76          0.001    0.003   99.000   99.000

 3   7  10  76          0.001    0.003   99.000   99.000

 4   7  10  76          0.001    0.003   99.000   99.000

 5   7  10  76          0.001    0.003   99.000   99.000

 6   7  10  76          0.001    0.003   99.000   99.000

 7   7  10  76          0.001    0.003   99.000   99.000

 8   7  10  76          0.001    0.003   99.000   99.000

 9   7  10  76          0.001    0.003   99.000   99.000

10   7  10  76          0.001    0.003   99.000   99.000

11   7  10  76          0.001    0.003   99.000   99.000

12   7  10  76          0.001    0.003   99.000   99.000

13   7  10  76          0.001    0.003   99.000   99.000

14   7  10  76          0.001    0.003   99.000   99.000

15   7  10  76          0.001    0.003   99.000   99.000

16   7  10  76          0.001    0.003   99.000   99.000

17   7  10  76          0.001    0.003   99.000   99.000

18   7  10  76          0.001    0.003   99.000   99.000

19   7  10  76          0.001    0.003   99.000   99.000

20   7  10  76          0.001    0.003   99.000   99.000

21   7  10  76          0.001    0.003   99.000   99.000

22   7  10  76          0.001    0.003   99.000   99.000

23   7  10  76          0.001    0.003   99.000   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++       +-----------------------------------+

 0  8 10 76       0.001    0.003    99.000   99.000

 1  8 10 76       0.001    0.003    99.000   99.000

 2  8 10 76       0.001    0.003    99.000   99.000

 3  8 10 76       0.001    0.003    99.000   99.000

 4  8 10 76       0.001    0.003    99.000   99.000

 5  8 10 76       0.001    0.003    99.000   99.000

 6  8 10 76       0.001    0.003    99.000   99.000

 7  8 10 76       0.001    0.003    99.000   99.000

 8  8 10 76       0.001    0.003    99.000   99.000

 9  8 10 76       0.001    0.003    99.000   99.000

10  8 10 76       0.001    0.003    99.000   99.000

11  8 10 76       0.001    0.003    99.000   99.000

12  8 10 76       0.001    0.003    99.000   99.000

13  8 10 76       0.001    0.003    99.000   99.000

14  8 10 76       0.001    0.003    99.000   99.000

15  8 10 76       0.001    0.003    99.000   99.000

16  8 10 76       0.001    0.003    99.000   99.000

17  8 10 76       0.001    0.003    99.000   99.000

18  8 10 76       0.001    0.003    99.000   99.000

19  8 10 76       0.001    0.003    99.000   99.000

20  8 10 76       0.001    0.003    99.000   99.000

21  8 10 76       0.001    0.003    99.000   99.000

22  8 10 76       0.001    0.003    99.000   99.000

23  8 10 76       0.001    0.003    99.000   99.000
```

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4
0	9	10	76	0.001	0.003	99.000	99.000
1	9	10	76	0.001	0.003	99.000	99.000
2	9	10	76	0.001	0.003	99.000	99.000
3	9	10	76	0.001	0.003	99.000	99.000
4	9	10	76	0.001	0.003	99.000	99.000
5	9	10	76	0.001	0.003	99.000	99.000
6	9	10	76	0.001	0.003	99.000	99.000
7	9	10	76	0.001	0.003	99.000	99.000
8	9	10	76	0.001	0.003	99.000	99.000
9	9	10	76	0.001	0.003	99.000	99.000
10	9	10	76	0.001	0.003	99.000	99.000
11	9	10	76	0.001	0.003	99.000	99.000
12	9	10	76	0.001	0.003	99.000	99.000
13	9	10	76	0.001	0.003	99.000	99.000
14	9	10	76	0.001	0.003	99.000	99.000
15	9	10	76	0.001	0.003	99.000	99.000
16	9	10	76	0.001	0.003	99.000	99.000
17	9	10	76	0.001	0.003	99.000	99.000
18	9	10	76	0.001	0.003	1.542	1.452
19	9	10	76	0.001	0.003	1.556	1.443
20	9	10	76	0.001	0.003	1.566	1.496
21	9	10	76	0.001	0.003	1.575	1.510
22	9	10	76	0.001	0.003	1.568	1.509
23	9	10	76	0.001	0.003	1.562	1.506

```
                        AIR QUALITY DATA
HR DY MO YR       SO2       H2S       THC       CH4
++ ++ ++ ++       +-------------------------------------+

 0 10 10 76      0.001     0.003     1.560     1.503

 1 10 10 76      0.001     0.003     1.561     1.506

 2 10 10 76      0.001     0.003     1.561     1.505

 3 10 10 76      0.001     0.003     1.522     1.473

 4 10 10 76      0.001     0.003     1.497     1.454

 5 10 10 76      0.001     0.003     1.489     1.447

 6 10 10 76      0.001     0.003     1.487     1.446

 7 10 10 76      0.001     0.003     1.487     1.447

 8 10 10 76      0.001     0.003     1.485     1.444

 9 10 10 76      0.001     0.003     1.472     1.431

10 10 10 76      0.001     0.003     1.458     1.420

11 10 10 76      0.001     0.003     1.451     1.414

12 10 10 76      0.001     0.003     1.453     1.415

13 10 10 76      0.001     0.003     1.458     1.419

14 10 10 76      0.001     0.003     1.453     1.415

15 10 10 76      0.001     0.003     1.474     1.433

16 10 10 76      0.001     0.003     1.486     1.444

17 10 10 76      0.001     0.003     1.493     1.450

18 10 10 76      0.001     0.003     1.504     1.459

19 10 10 76      0.001     0.003     1.519     1.471

20 10 10 76      0.001     0.003    99.000    99.000

21 10 10 76      0.001     0.003    99.000    99.000

22 10 10 76      0.001     0.003    99.000    99.000

23 10 10 76      0.001     0.003    99.000    99.000
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	11	10	76	0.001	0.003	99.000	99.000
1	11	10	76	0.001	0.003	99.000	99.000
2	11	10	76	0.001	0.003	99.000	99.000
3	11	10	76	0.001	0.003	99.000	99.000
4	11	10	76	0.001	0.003	99.000	99.000
5	11	10	76	0.001	0.003	99.000	99.000
6	11	10	76	0.001	0.003	99.000	99.000
7	11	10	76	0.001	0.003	99.000	99.000
8	11	10	76	0.001	0.003	99.000	99.000
9	11	10	76	0.001	0.003	99.000	99.000
10	11	10	76	0.001	0.003	99.000	99.000
11	11	10	76	0.001	0.003	99.000	99.000
12	11	10	76	0.001	0.003	99.000	99.000
13	11	10	76	0.001	0.003	99.000	99.000
14	11	10	76	0.001	0.003	99.000	99.000
15	11	10	76	0.001	0.003	99.000	99.000
16	11	10	76	0.001	0.003	99.000	99.000
17	11	10	76	0.001	0.003	99.000	99.000
18	11	10	76	0.001	0.003	99.000	99.000
19	11	10	76	0.001	0.003	99.000	99.000
20	11	10	76	0.001	0.003	99.000	99.000
21	11	10	76	0.001	0.003	99.000	99.000
22	11	10	76	0.001	0.003	99.000	99.000
23	11	10	76	0.001	0.003	99.000	99.000

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR DY MO YR             SO2     H2S     THC      CH4
++ ++ ++ ++           +------------------------------+

 0 12 10 76           0.001   0.003   99.000   99.000

 1 12 10 76           0.001   0.003   99.000   99.000

 2 12 10 76           0.001   0.003   99.000   99.000

 3 12 10 76           0.001   0.003   99.000   99.000

 4 12 10 76           0.001   0.003   99.000   99.000

 5 12 10 76           0.001   0.003   99.000   99.000

 6 12 10 76           0.001   0.003   99.000   99.000

 7 12 10 76           0.001   0.003   99.000   99.000

 8 12 10 76           0.001   0.003   99.000   99.000

 9 12 10 76           0.001   0.003   99.000   99.000

10 12 10 76           0.001   0.003   99.000   99.000

11 12 10 76           0.001   0.003   99.000   99.000

12 12 10 76           0.001   0.003   99.000   99.000

13 12 10 76           0.001   0.003   99.000   99.000

14 12 10 76           0.001   0.003   99.000   99.000

15 12 10 76           0.001   0.003   99.000   99.000

16 12 10 76           0.001   0.003   99.000   99.000

17 12 10 76           0.001   0.003   99.000   99.000

18 12 10 76           0.001   0.003   99.000   99.000

19 12 10 76           0.001   0.003   99.000   99.000

20 12 10 76           0.001   0.003   99.000   99.000

21 12 10 76           0.001   0.003   99.000   99.000

22 12 10 76           0.001   0.003   99.000   99.000

23 12 10 76           0.001   0.003   99.000   99.000
```

```
                     AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +-----------------------------------+

 0 13 10 76        0.001    0.003   99.000   99.000

 1 13 10 76        0.001    0.003   99.000   99.000

 2 13 10 76        0.001    0.003   99.000   99.000

 3 13 10 76        0.001    0.003   99.000   99.000

 4 13 10 76        0.001    0.003   99.000   99.000

 5 13 10 76        0.001    0.003   99.000   99.000

 6 13 10 76        0.001    0.003   99.000   99.000

 7 13 10 76        0.001    0.003   99.000   99.000

 8 13 10 76        0.001    0.003   99.000   99.000

 9 13 10 76        0.001    0.003   99.000   99.000

10 13 10 76        0.001    0.003   99.000   99.000

11 13 10 76        0.001    0.003   99.000   99.000

12 13 10 76        0.001    0.003   99.000   99.000

13 13 10 76        0.001    0.003    1.481    1.404

14 13 10 76        0.001    0.003    1.474    1.426

15 13 10 76        0.001    0.003    1.486    1.437

16 13 10 76        0.001    0.003    1.498    1.443

17 13 10 76        0.001    0.003    1.493    1.440

18 13 10 76        0.001    0.003    1.494    1.444

19 13 10 76        0.001    0.003    1.514    1.463

20 13 10 76        0.001    0.003    1.516    1.466

21 13 10 76        0.001    0.003    1.517    1.467

22 13 10 76        0.001    0.003    1.503    1.458

23 13 10 76        0.001    0.003    1.497    1.452
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	14	10	76	0.001	0.003	1.495	1.452
1	14	10	76	0.001	0.003	1.502	1.457
2	14	10	76	0.001	0.003	1.508	1.462
3	14	10	76	0.001	0.003	1.512	1.466
4	14	10	76	0.001	0.003	1.510	1.463
5	14	10	76	0.001	0.003	1.508	1.461
6	14	10	76	0.001	0.003	1.506	1.461
7	14	10	76	0.001	0.003	1.509	1.462
8	14	10	76	0.001	0.003	1.506	1.460
9	14	10	76	0.001	0.003	1.494	1.448
10	14	10	76	0.001	0.003	1.479	1.436
11	14	10	76	0.001	0.003	1.452	1.412
12	14	10	76	0.001	0.003	99.000	99.000
13	14	10	76	0.001	0.003	99.000	99.000
14	14	10	76	0.001	0.003	99.000	99.000
15	14	10	76	0.001	0.003	1.461	1.422
16	14	10	76	0.001	0.003	1.467	1.428
17	14	10	76	0.001	0.003	1.465	1.425
18	14	10	76	0.001	0.003	1.470	1.430
19	14	10	76	0.001	0.003	1.493	1.449
20	14	10	76	0.001	0.003	1.506	1.460
21	14	10	76	0.001	0.003	1.512	1.465
22	14	10	76	0.001	0.003	1.515	1.467
23	14	10	76	0.001	0.003	1.523	1.474

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	15	10	76	0.001	0.003	1.537	1.482
1	15	10	76	0.001	0.003	1.559	1.493
2	15	10	76	0.001	0.003	1.557	1.493
3	15	10	76	0.001	0.003	1.546	1.489
4	15	10	76	0.001	0.003	1.542	1.491
5	15	10	76	0.001	0.003	1.539	1.489
6	15	10	76	0.001	0.003	1.538	1.489
7	15	10	76	0.001	0.003	1.536	1.488
8	15	10	76	0.001	0.003	1.529	1.482
9	15	10	76	0.001	0.003	1.518	1.472
10	15	10	76	0.001	0.003	1.499	1.456
11	15	10	76	0.001	0.003	1.482	1.441
12	15	10	76	0.001	0.003	1.471	1.430
13	15	10	76	0.001	0.003	1.469	1.427
14	15	10	76	0.001	0.003	1.475	1.428
15	15	10	76	0.001	0.003	1.470	1.428
16	15	10	76	0.001	0.003	1.474	1.432
17	15	10	76	0.001	0.003	1.541	1.466
18	15	10	76	0.001	0.003	1.568	1.502
19	15	10	76	0.001	0.003	1.582	1.513
20	15	10	76	0.001	0.003	1.592	1.520
21	15	10	76	0.001	0.003	1.562	1.496
22	15	10	76	0.001	0.003	1.538	1.480
23	15	10	76	0.001	0.003	1.527	1.474

```
                     AIR QUALITY DATA
HR DY MO YR           SO2     H2S     THC     CH4
++ ++ ++ ++          +----------------------------+

 0 16 10 76         0.001    0.003    1.528    1.474

 1 16 10 76         0.001    0.003    1.532    1.480

 2 16 10 76         0.001    0.003    1.534    1.483

 3 16 10 76         0.001    0.003    1.530    1.480

 4 16 10 76         0.001    0.003    1.530    1.480

 5 16 10 76         0.001    0.003    1.531    1.481

 6 16 10 76         0.001    0.003    1.528    1.480

 7 16 10 76         0.001    0.003    1.527    1.480

 8 16 10 76         0.001    0.003    1.530    1.481

 9 16 10 76         0.001    0.003    1.527    1.478

10 16 10 76         0.001    0.003    1.512    1.466

11 16 10 76         0.001    0.003    1.495    1.449

12 16 10 76         0.001    0.003    1.481    1.439

13 16 10 76         0.001    0.003    1.469    1.428

14 16 10 76         0.001    0.003    1.466    1.426

15 16 10 76         0.001    0.003    1.478    1.435

16 16 10 76         0.001    0.003    1.471    1.430

17 16 10 76         0.001    0.003    1.470    1.430

18 16 10 76         0.001    0.003    1.485    1.442

19 16 10 76         0.001    0.003    1.519    1.469

20 16 10 76         0.001    0.003    1.534    1.480

21 16 10 76         0.001    0.003    1.530    1.480

22 16 10 76         0.001    0.003    1.526    1.478

23 16 10 76         0.001    0.003    1.519    1.472
```

```
                      AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 17 10 76      0.001    0.003    1.514    1.468

 1 17 10 76      0.001    0.003    1.511    1.465

 2 17 10 76      0.001    0.003    1.510    1.464

 3 17 10 76      0.001    0.003    1.509    1.463

 4 17 10 76      0.001    0.003    1.507    1.462

 5 17 10 76      0.001    0.003    1.503    1.461

 6 17 10 76      0.001    0.003    1.502    1.459

 7 17 10 76      0.001    0.003    1.500    1.458

 8 17 10 76      0.001    0.003    1.500    1.457

 9 17 10 76      0.001    0.003    1.498    1.455

10 17 10 76      0.001    0.003    1.493    1.449

11 17 10 76      0.001    0.003    1.483    1.440

12 17 10 76      0.001    0.003    1.475    1.433

13 17 10 76      0.001    0.003    1.473    1.430

14 17 10 76      0.001    0.003    1.470    1.427

15 17 10 76      0.001    0.003    1.470    1.428

16 17 10 76      0.001    0.003    1.479    1.436

17 17 10 76      0.001    0.003    1.482    1.439

18 17 10 76      0.001    0.003    1.495    1.449

19 17 10 76      0.001    0.003    1.512    1.464

20 17 10 76      0.001    0.003    1.526    1.477

21 17 10 76      0.001    0.003    1.544    1.493

22 17 10 76      0.001    0.003    1.540    1.492

23 17 10 76      0.001    0.003    1.541    1.495
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	18	10	76	0.001	0.003	1.542	1.496
1	18	10	76	0.001	0.003	1.544	1.498
2	18	10	76	0.001	0.003	1.543	1.499
3	18	10	76	0.001	0.003	1.557	1.510
4	18	10	76	0.001	0.003	1.559	1.510
5	18	10	76	0.001	0.003	1.569	1.519
6	18	10	76	0.001	0.003	1.568	1.516
7	18	10	76	0.001	0.003	1.575	1.523
8	18	10	76	0.001	0.003	1.590	1.535
9	18	10	76	0.001	0.003	1.601	1.541
10	18	10	76	0.001	0.003	1.596	1.540
11	18	10	76	0.001	0.003	1.587	1.531
12	18	10	76	0.001	0.003	1.566	1.516
13	18	10	76	0.001	0.003	1.539	1.485
14	18	10	76	0.001	0.003	1.535	1.489
15	18	10	76	0.001	0.003	1.526	1.480
16	18	10	76	0.001	0.003	1.526	1.482
17	18	10	76	0.001	0.003	1.535	1.489
18	18	10	76	0.001	0.003	1.621	1.564
19	18	10	76	0.001	0.003	1.589	1.536
20	18	10	76	0.001	0.003	1.578	1.526
21	18	10	76	0.001	0.003	1.580	1.527
22	18	10	76	0.001	0.003	1.585	1.533
23	18	10	76	0.001	0.003	1.588	1.535

				AIR QUALITY DATA			
HR	DY	MO	YR	SO2	H2S	THC	CH4
0	19	10	76	0.001	0.003	1.587	1.535
1	19	10	76	0.001	0.003	1.589	1.535
2	19	10	76	0.001	0.003	1.591	1.537
3	19	10	76	0.001	0.003	1.593	1.540
4	19	10	76	0.001	0.003	1.600	1.546
5	19	10	76	0.001	0.003	1.592	1.540
6	19	10	76	0.001	0.003	1.582	1.531
7	19	10	76	0.001	0.003	1.581	1.530
8	19	10	76	0.001	0.003	1.581	1.528
9	19	10	76	0.001	0.003	1.570	1.517
10	19	10	76	0.001	0.003	1.560	1.509
11	19	10	76	0.001	0.003	1.569	1.505
12	19	10	76	0.001	0.003	1.585	1.499
13	19	10	76	0.001	0.003	1.614	1.489
14	19	10	76	0.001	0.003	1.621	1.480
15	19	10	76	0.001	0.003	1.563	1.478
16	19	10	76	0.001	0.003	1.575	1.485
17	19	10	76	0.001	0.003	1.594	1.512
18	19	10	76	0.001	0.003	1.610	1.522
19	19	10	76	0.001	0.003	1.611	1.538
20	19	10	76	0.001	0.003	1.632	1.544
21	19	10	76	0.001	0.003	1.626	1.549
22	19	10	76	0.001	0.003	1.624	1.548
23	19	10	76	0.001	0.003	1.609	1.541

```
                       AIR QUALITY DATA
HR DY MO YR             SO2      H2S      THC      CH4
++ ++ ++ ++            +------------------------------+

 0 20 10 76           0.001    0.003    1.605    1.537

 1 20 10 76           0.001    0.003    1.605    1.531

 2 20 10 76           0.001    0.003    1.633    1.538

 3 20 10 76           0.001    0.003    1.625    1.538

 4 20 10 76           0.001    0.003    1.627    1.537

 5 20 10 76           0.001    0.003    1.614    1.540

 6 20 10 76           0.001    0.003    1.612    1.540

 7 20 10 76           0.001    0.003    1.612    1.541

 8 20 10 76           0.001    0.003    1.606    1.535

 9 20 10 76           0.001    0.003    1.590    1.524

10 20 10 76           0.001    0.003    1.570    1.512

11 20 10 76           0.001    0.003    1.553    1.500

12 20 10 76           0.001    0.003    1.546    1.492

13 20 10 76           0.001    0.003    1.542    1.487

14 20 10 76           0.001    0.003    1.533    1.479

15 20 10 76           0.001    0.003    1.533    1.477

16 20 10 76           0.001    0.003    1.525    1.470

17 20 10 76           0.001    0.003    1.532    1.468

18 20 10 76           0.001    0.003    1.566    1.497

19 20 10 76           0.001    0.003    1.595    1.516

20 20 10 76           0.001    0.003    1.612    1.529

21 20 10 76           0.001    0.003    1.613    1.529

22 20 10 76           0.001    0.003    1.615    1.529

23 20 10 76           0.001    0.003    1.631    1.537
```

```
                     AIR QUALITY DATA
HR DY MO YR         SO2      H2S       THC       CH4
++ ++ ++ ++        +------------------------------------+

 0 21 10 76        0.001    0.003     1.579     1.513

 1 21 10 76        0.001    0.003     1.548     1.493

 2 21 10 76        0.001    0.003     1.568     1.506

 3 21 10 76        0.001    0.003     1.582     1.515

 4 21 10 76        0.001    0.003     1.574     1.512

 5 21 10 76        0.001    0.003     1.571     1.507

 6 21 10 76        0.001    0.003     1.591     1.512

 7 21 10 76        0.001    0.003     1.584     1.515

 8 21 10 76        0.001    0.003     1.572     1.509

 9 21 10 76        0.001    0.003     1.566     1.502

10 21 10 76        0.001    0.003     1.537     1.481

11 21 10 76        0.001    0.003     1.505     1.458

12 21 10 76        0.001    0.003     1.487     1.443

13 21 10 76        0.001    0.003     1.483     1.438

14 21 10 76        0.001    0.003     1.488     1.440

15 21 10 76        0.001    0.003     1.502     1.447

16 21 10 76        0.001    0.003     1.549     1.482

17 21 10 76        0.001    0.003     1.635     1.538

18 21 10 76        0.001    0.003     1.640     1.543

19 21 10 76        0.001    0.003     1.581     1.511

20 21 10 76        0.001    0.003     1.527     1.477

21 21 10 76        0.001    0.003     1.518     1.470

22 21 10 76        0.001    0.003     1.512     1.466

23 21 10 76        0.001    0.003     1.503     1.462
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 22 10 76      0.001    0.003    1.528    1.485

 1 22 10 76      0.001    0.003    1.526    1.481

 2 22 10 76      0.001    0.003    1.522    1.477

 3 22 10 76      0.001    0.003    1.525    1.478

 4 22 10 76      0.001    0.003    1.524    1.478

 5 22 10 76      0.001    0.003    1.526    1.480

 6 22 10 76      0.001    0.003    1.526    1.480

 7 22 10 76      0.001    0.003    1.530    1.483

 8 22 10 76      0.001    0.003    1.536    1.487

 9 22 10 76      0.001    0.003    1.542    1.490

10 22 10 76      0.001    0.003    1.542    1.486

11 22 10 76      0.001    0.003    1.534    1.473

12 22 10 76      0.001    0.003    1.516    1.456

13 22 10 76      0.001    0.003    1.503    1.445

14 22 10 76      0.001    0.003   99.000   99.000

15 22 10 76      0.001    0.003   99.000   99.000

16 22 10 76      0.001    0.003   99.000   99.000

17 22 10 76      0.001    0.003    1.443    1.416

18 22 10 76      0.001    0.003    1.457    1.428

19 22 10 76      0.001    0.003    1.473    1.444

20 22 10 76      0.001    0.003    1.470    1.444

21 22 10 76      0.001    0.003    1.456    1.439

22 22 10 76      0.001    0.003    1.462    1.446

23 22 10 76      0.001    0.003    1.464    1.447
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	23	10	76	0.001	0.003	1.460	1.444
1	23	10	76	0.001	0.003	1.457	1.442
2	23	10	76	0.001	0.003	1.456	1.440
3	23	10	76	0.001	0.003	1.458	1.442
4	23	10	76	0.001	0.003	1.463	1.446
5	23	10	76	0.001	0.003	1.464	1.447
6	23	10	76	0.001	0.003	1.456	1.441
7	23	10	76	0.001	0.003	1.449	1.437
8	23	10	76	0.001	0.003	1.447	1.433
9	23	10	76	0.001	0.003	1.441	1.427
10	23	10	76	0.001	0.003	1.436	1.419
11	23	10	76	0.001	0.003	1.431	1.412
12	23	10	76	0.001	0.003	1.425	1.407
13	23	10	76	0.001	0.003	1.436	1.412
14	23	10	76	0.001	0.003	1.416	1.401
15	23	10	76	0.001	0.003	1.409	1.396
16	23	10	76	0.001	0.003	1.406	1.394
17	23	10	76	0.001	0.003	1.409	1.398
18	23	10	76	0.001	0.003	1.418	1.407
19	23	10	76	0.001	0.003	1.507	1.504
20	23	10	76	0.001	0.003	1.465	1.452
21	23	10	76	0.001	0.003	1.453	1.438
22	23	10	76	0.001	0.003	1.447	1.433
23	23	10	76	0.001	0.003	1.444	1.431

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++          +---------------------------------+

 0 24 10 76          0.001    0.003    1.464    1.450

 1 24 10 76          0.001    0.003    1.463    1.450

 2 24 10 76          0.001    0.003    1.453    1.439

 3 24 10 76          0.001    0.003    1.444    1.432

 4 24 10 76          0.001    0.003    1.444    1.432

 5 24 10 76          0.001    0.003    1.444    1.432

 6 24 10 76          0.001    0.003    1.446    1.433

 7 24 10 76          0.001    0.003    1.448    1.434

 8 24 10 76          0.001    0.003    1.453    1.437

 9 24 10 76          0.001    0.003    1.445    1.430

10 24 10 76          0.001    0.003    1.446    1.427

11 24 10 76          0.001    0.003    1.445    1.424

12 24 10 76          0.001    0.004    1.436    1.416

13 24 10 76          0.001    0.003   99.000   99.000

14 24 10 76          0.001    0.003    1.455    1.400

15 24 10 76          0.001    0.003    1.422    1.401

16 24 10 76          0.001    0.003    1.419    1.404

17 24 10 76          0.001    0.003    1.430    1.414

18 24 10 76          0.001    0.003    1.439    1.422

19 24 10 76          0.001    0.003    1.444    1.429

20 24 10 76          0.001    0.003    1.450    1.434

21 24 10 76          0.001    0.003    1.455    1.436

22 24 10 76          0.001    0.003    1.463    1.444

23 24 10 76          0.001    0.003    1.466    1.446
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +-----------------------------------+

 0 25 10 76         0.001    0.003    1.457    1.440

 1 25 10 76         0.001    0.003    1.450    1.434

 2 25 10 76         0.001    0.003    1.447    1.432

 3 25 10 76         0.001    0.003    1.442    1.430

 4 25 10 76         0.001    0.003    1.439    1.429

 5 25 10 76         0.001    0.003    1.439    1.428

 6 25 10 76         0.001    0.003    1.435    1.425

 7 25 10 76         0.001    0.003    1.437    1.426

 8 25 10 76         0.001    0.003    1.435    1.423

 9 25 10 76         0.001    0.003    1.431    1.419

10 25 10 76         0.001    0.003    1.425    1.411

11 25 10 76         0.001    0.003    1.421    1.405

12 25 10 76         0.001    0.003    1.414    1.399

13 25 10 76         0.001    0.003    1.415    1.398

14 25 10 76         0.001    0.003    1.444    1.413

15 25 10 76         0.001    0.003    1.445    1.421

16 25 10 76         0.001    0.003    1.427    1.413

17 25 10 76         0.001    0.003    1.426    1.412

18 25 10 76         0.001    0.003    1.434    1.418

19 25 10 76         0.001    0.003    1.451    1.430

20 25 10 76         0.001    0.003    1.447    1.428

21 25 10 76         0.001    0.003    1.445    1.428

22 25 10 76         0.001    0.003    1.446    1.427

23 25 10 76         0.001    0.003    1.455    1.438
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC     CH4
++ ++ ++ ++     +---------------------------------+

 0 26 10 76     0.001    0.003    1.447    1.430

 1 26 10 76     0.001    0.003    1.444    1.429

 2 26 10 76     0.001    0.003    1.446    1.429

 3 26 10 76     0.001    0.003    1.449    1.432

 4 26 10 76     0.001    0.003    1.449    1.432

 5 26 10 76     0.001    0.003    1.449    1.462

 6 26 10 76     0.001    0.003    1.449    1.463

 7 26 10 76     0.001    0.003    1.449    1.462

 8 26 10 76     0.001    0.003    1.452    1.466

 9 26 10 76     0.001    0.003    1.447    1.464

10 26 10 76     0.001    0.003    1.446    1.464

11 26 10 76     0.001    0.003    1.443    1.460

12 26 10 76     0.001    0.003    1.445    1.458

13 26 10 76     0.001    0.003    1.452    1.465

14 26 10 76     0.001    0.003    1.452    1.466

15 26 10 76     0.001    0.003   99.000   99.000

16 26 10 76     0.001    0.003   99.000   99.000

17 26 10 76     0.001    0.003    1.451    1.411

18 26 10 76     0.001    0.003    1.465    1.437

19 26 10 76     0.001    0.003    1.471    1.446

20 26 10 76     0.001    0.003    1.475    1.450

21 26 10 76     0.001    0.003    1.514    1.488

22 26 10 76     0.001    0.003    1.490    1.465

23 26 10 76     0.001    0.003    1.500    1.473
```

```
                        AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++       +-----------------------------------+

 0 27 10 76       0.0      0.003    1.492    1.467

 1 27 10 76       0.0      0.003    1.485    1.461

 2 27 10 76       0.001    0.003    1.483    1.458

 3 27 10 76       0.0      0.003    1.482    1.458

 4 27 10 76       0.001    0.003    1.483    1.460

 5 27 10 76       0.001    0.003    1.486    1.461

 6 27 10 76       0.001    0.003    1.491    1.468

 7 27 10 76       0.001    0.003    1.495    1.471

 8 27 10 76       0.001    0.003    1.502    1.476

 9 27 10 76       0.0      0.003    1.500    1.473

10 27 10 76       0.001    0.003    1.483    1.451

11 27 10 76       0.001    0.003    1.474    1.444

12 27 10 76       0.001    0.003    1.462    1.436

13 27 10 76       0.0      0.003    1.458    1.433

14 27 10 76       0.001    0.003    1.456    1.429

15 27 10 76       0.001    0.003    1.451    1.421

16 27 10 76       0.001    0.003    1.446    1.419

17 27 10 76       0.001    0.003    1.449    1.423

18 27 10 76       0.001    0.003    1.461    1.433

19 27 10 76       0.0      0.003    1.472    1.449

20 27 10 76       0.001    0.003    1.482    1.457

21 27 10 76       0.001    0.003    1.489    1.463

22 27 10 76       0.001    0.003    1.492    1.466

23 27 10 76       0.001    0.003    1.497    1.469
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                     AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++       +------------------------------------+

 0 28 10 76      0.001    0.003    1.498    1.471

 1 28 10 76      0.001    0.003    1.500    1.471

 2 28 10 76      0.001    0.003    1.498    1.468

 3 28 10 76      0.001    0.003    1.497    1.467

 4 28 10 76      0.001    0.003    1.494    1.466

 5 28 10 76      0.001    0.003    1.495    1.466

 6 28 10 76      0.001    0.003    1.498    1.468

 7 28 10 76      0.001    0.003    1.498    1.471

 8 28 10 76      0.0      0.003    1.500    1.473

 9 28 10 76      0.0      0.003    1.497    1.466

10 28 10 76      0.001    0.003    1.490    1.458

11 28 10 76      0.001    0.003    1.482    1.448

12 28 10 76      0.001    0.003    1.473    1.441

13 28 10 76      0.0      0.003    1.463    1.433

14 28 10 76      0.001    0.003    1.456    1.424

15 28 10 76      0.001    0.003    1.478    1.420

16 28 10 76      0.001    0.003    1.443    1.412

17 28 10 76      0.001    0.003    1.434    1.410

18 28 10 76      0.001    0.003    1.466    1.440

19 28 10 76      0.001    0.003    1.468    1.444

20 28 10 76      0.001    0.003    1.484    1.452

21 28 10 76      0.001    0.003    1.478    1.449

22 28 10 76      0.001    0.003    1.478    1.450

23 28 10 76      0.001    0.003    1.519    1.481
```

```
                     AIR QUALITY DATA
HR DY MO YR         SO2      H2S       THC       CH4
++ ++ ++ ++     +-------------------------------------+

 0 29 10 76      0.001    0.003     1.520     1.479

 1 29 10 76      0.001    0.003     1.518     1.477

 2 29 10 76      0.001    0.003     1.526     1.481

 3 29 10 76      0.001    0.003     1.522     1.477

 4 29 10 76      0.001    0.003     1.531     1.483

 5 29 10 76      0.001    0.003     1.526     1.481

 6 29 10 76      0.001    0.003     1.530     1.483

 7 29 10 76      0.001    0.003     1.532     1.483

 8 29 10 76      0.001    0.003     1.529     1.481

 9 29 10 76      0.001    0.003     1.516     1.472

10 29 10 76      0.001    0.003     1.502     1.458

11 29 10 76      0.001    0.003     1.494     1.451

12 29 10 76      0.001    0.003     1.479     1.437

13 29 10 76      0.001    0.003     1.467     1.425

14 29 10 76      0.001    0.003     1.470     1.429

15 29 10 76      0.001    0.003     1.469     1.427

16 29 10 76      0.001    0.003     1.460     1.422

17 29 10 76      0.001    0.003     1.448     1.415

18 29 10 76      0.001    0.003     1.687     1.453

19 29 10 76      0.001    0.003     1.598     1.462

20 29 10 76      0.001    0.003     1.533     1.454

21 29 10 76      0.001    0.003     1.534     1.461

22 29 10 76      0.001    0.003     1.520     1.465

23 29 10 76      0.001    0.003     1.525     1.467
```

```
                     AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++       +----------------------------------+

 0 30 10 76      0.001    0.003    1.528    1.471

 1 30 10 76      0.001    0.003    1.520    1.470

 2 30 10 76      0.001    0.003    1.518    1.466

 3 30 10 76      0.001    0.003    1.526    1.471

 4 30 10 76      0.001    0.003    1.564    1.483

 5 30 10 76      0.001    0.003    1.562    1.488

 6 30 10 76      0.001    0.003    1.537    1.484

 7 30 10 76      0.001    0.003    1.548    1.487

 8 30 10 76      0.001    0.003    1.579    1.485

 9 30 10 76      0.001    0.003    1.534    1.473

10 30 10 76      0.001    0.003    1.487    1.449

11 30 10 76      0.001    0.003    1.471    1.435

12 30 10 76      0.001    0.003    1.455    1.425

13 30 10 76      0.001    0.003    1.449    1.416

14 30 10 76      0.001    0.003    1.438    1.413

15 30 10 76      0.001    0.003    1.429    1.403

16 30 10 76      0.001    0.003    1.437    1.403

17 30 10 76      0.001    0.003    1.446    1.415

18 30 10 76      0.001    0.003    1.495    1.462

19 30 10 76      0.001    0.003    1.489    1.447

20 30 10 76      0.001    0.003    1.476    1.447

21 30 10 76      0.001    0.003    1.475    1.450

22 30 10 76      0.001    0.003    1.479    1.454

23 30 10 76      0.001    0.003    1.483    1.456
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	31	10	76	0.001	0.003	1.483	1.458
1	31	10	76	0.001	0.003	1.485	1.459
2	31	10	76	0.001	0.003	1.485	1.458
3	31	10	76	0.001	0.003	1.487	1.460
4	31	10	76	0.001	0.003	1.486	1.459
5	31	10	76	0.001	0.003	1.488	1.460
6	31	10	76	0.001	0.003	1.512	1.464
7	31	10	76	0.001	0.003	1.497	1.466
8	31	10	76	0.001	0.003	1.488	1.461
9	31	10	76	0.001	0.003	1.491	1.456
10	31	10	76	0.001	0.003	1.466	1.441
11	31	10	76	0.001	0.003	1.450	1.427
12	31	10	76	0.001	0.003	1.457	1.429
13	31	10	76	0.001	0.003	1.481	1.445
14	31	10	76	0.001	0.003	1.483	1.445
15	31	10	76	0.001	0.003	1.498	1.449
16	31	10	76	0.001	0.003	1.478	1.437
17	31	10	76	0.001	0.003	1.454	1.425
18	31	10	76	0.001	0.003	1.459	1.431
19	31	10	76	0.001	0.003	1.518	1.493
20	31	10	76	0.001	0.003	1.495	1.467
21	31	10	76	0.001	0.003	1.496	1.466
22	31	10	76	0.001	0.003	1.493	1.466
23	31	10	76	0.001	0.003	1.483	1.461

```
                       AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++       +------------------------------+

 0  1 11 76       0.001    0.003    1.477    1.456

 1  1 11 76       0.001    0.003    1.476    1.455

 2  1 11 76       0.001    0.003    1.485    1.454

 3  1 11 76       0.001    0.003    1.474    1.452

 4  1 11 76       0.001    0.003    1.470    1.450

 5  1 11 76       0.001    0.003    1.469    1.448

 6  1 11 76       0.001    0.003    1.471    1.446

 7  1 11 76       0.001    0.003    1.474    1.448

 8  1 11 76       0.001    0.003    1.471    1.446

 9  1 11 76       0.001    0.003    1.469    1.443

10  1 11 76       0.001    0.003    1.450    1.430

11  1 11 76       0.001    0.003    1.439    1.418

12  1 11 76       0.001    0.003    1.430    1.410

13  1 11 76       0.001    0.003    1.441    1.406

14  1 11 76       0.001    0.003    1.444    1.411

15  1 11 76       0.001    0.003    1.503    1.433

16  1 11 76       0.001    0.003    1.466    1.424

17  1 11 76       0.001    0.003    1.452    1.423

18  1 11 76       0.001    0.003    1.464    1.437

19  1 11 76       0.001    0.003    1.481    1.451

20  1 11 76       0.001    0.003    1.482    1.454

21  1 11 76       0.001    0.003    1.479    1.456

22  1 11 76       0.001    0.003    1.483    1.457

23  1 11 76       0.001    0.003    1.477    1.457
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++       +---------------------------------+

 0  2 11 76      0.001    0.003    1.480    1.455

 1  2 11 76      0.001    0.003    1.480    1.457

 2  2 11 76      0.001    0.003    1.482    1.456

 3  2 11 76      0.001    0.003    1.491    1.460

 4  2 11 76      0.001    0.003    1.488    1.464

 5  2 11 76      0.001    0.003    1.502    1.471

 6  2 11 76      0.001    0.003    1.544    1.477

 7  2 11 76      0.001    0.003    1.522    1.480

 8  2 11 76      0.001    0.003    1.529    1.487

 9  2 11 76      0.001    0.003    1.507    1.470

10  2 11 76      0.001    0.003    1.474    1.445

11  2 11 76      0.001    0.003    1.451    1.429

12  2 11 76      0.001    0.003    1.445    1.419

13  2 11 76      0.001    0.003    1.458    1.409

14  2 11 76      0.001    0.003    1.455    1.411

15  2 11 76      0.001    0.003    1.451    1.407

16  2 11 76      0.001    0.003    1.449    1.415

17  2 11 76      0.001    0.003    1.506    1.447

18  2 11 76      0.001    0.003    1.503    1.458

19  2 11 76      0.001    0.003    1.495    1.462

20  2 11 76      0.001    0.003    1.488    1.462

21  2 11 76      0.001    0.003    1.486    1.463

22  2 11 76      0.001    0.003    1.526    1.468

23  2 11 76      0.001    0.003    1.533    1.481
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                         AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +------------------------------+

 0  3 11 76        0.001    0.003    1.528    1.479

 1  3 11 76        0.001    0.003    1.504    1.470

 2  3 11 76        0.001    0.003    1.506    1.473

 3  3 11 76        0.001    0.003    1.530    1.478

 4  3 11 76        0.001    0.003    1.548    1.496

 5  3 11 76        0.001    0.003    1.554    1.502

 6  3 11 76        0.001    0.003    1.547    1.499

 7  3 11 76        0.001    0.003    1.541    1.487

 8  3 11 76        0.001    0.003    1.526    1.476

 9  3 11 76        0.001    0.003    1.543    1.470

10  3 11 76        0.001    0.003    1.510    1.466

11  3 11 76        0.001    0.003    1.488    1.459

12  3 11 76        0.001    0.003    1.463    1.439

13  3 11 76        0.001    0.003    1.455    1.432

14  3 11 76        0.001    0.003    1.469    1.438

15  3 11 76        0.001    0.003    1.465    1.440

16  3 11 76        0.001    0.003    1.462    1.435

17  3 11 76        0.001    0.003    1.463    1.442

18  3 11 76        0.001    0.003    1.546    1.447

19  3 11 76        0.001    0.003    1.505    1.449

20  3 11 76        0.001    0.003    1.478    1.451

21  3 11 76        0.001    0.003    1.479    1.453

22  3 11 76        0.001    0.003    1.484    1.455

23  3 11 76        0.001    0.003    1.528    1.469
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S       THC       CH4
++ ++ ++ ++         +------------------------------------+

 0  4 11 76         0.001    0.003     1.495     1.459

 1  4 11 76         0.001    0.003     1.484     1.457

 2  4 11 76         0.001    0.003     1.485     1.458

 3  4 11 76         0.001    0.003     1.487     1.459

 4  4 11 76         0.001    0.003     1.483     1.459

 5  4 11 76         0.001    0.003     1.492     1.466

 6  4 11 76         0.001    0.003     1.528     1.475

 7  4 11 76         0.001    0.003     1.501     1.469

 8  4 11 76         0.001    0.003     1.489     1.461

 9  4 11 76         0.001    0.003     1.488     1.459

10  4 11 76         0.001    0.003     1.470     1.444

11  4 11 76         0.001    0.003     1.455     1.431

12  4 11 76         0.001    0.003     1.456     1.428

13  4 11 76         0.001    0.003     1.442     1.411

14  4 11 76         0.001    0.003     1.439     1.408

15  4 11 76         0.001    0.003     1.452     1.417

16  4 11 76         0.001    0.003     1.447     1.405

17  4 11 76         0.001    0.003     1.482     1.433

18  4 11 76         0.001    0.003     1.536     1.471

19  4 11 76         0.001    0.003     1.574     1.492

20  4 11 76         0.001    0.003     1.526     1.475

21  4 11 76         0.001    0.003     1.502     1.464

22  4 11 76         0.001    0.003     1.488     1.457

23  4 11 76         0.001    0.003     1.486     1.451
```

```
                        AIR QUALITY DATA
HR DY MO YR         SO2      H2S       THC      CH4
++ ++ ++ ++        +-----------------------------------+

 0  5 11 76        0.001    0.003     1.497    1.456

 1  5 11 76        0.001    0.003     1.475    1.448

 2  5 11 76        0.001    0.003     1.469    1.448

 3  5 11 76        0.001    0.003     1.466    1.448

 4  5 11 76        0.001    0.003     1.476    1.452

 5  5 11 76        0.001    0.003     1.487    1.457

 6  5 11 76        0.001    0.003     1.507    1.463

 7  5 11 76        0.001    0.003     1.499    1.462

 8  5 11 76        0.001    0.003     1.517    1.464

 9  5 11 76        0.001    0.003     1.492    1.457

10  5 11 76        0.001    0.003     1.467    1.437

11  5 11 76        0.001    0.003     1.448    1.421

12  5 11 76        0.001    0.003     1.436    1.409

13  5 11 76        0.001    0.003     1.449    1.397

14  5 11 76        0.001    0.003     1.435    1.397

15  5 11 76        0.001    0.003     1.451    1.405

16  5 11 76        0.001    0.003     1.450    1.413

17  5 11 76        0.001    0.003    99.000   99.000

18  5 11 76        0.001    0.003    99.000   99.000

19  5 11 76        0.001    0.003     1.498    1.444

20  5 11 76        0.001    0.003     1.511    1.469

21  5 11 76        0.001    0.003     1.509    1.468

22  5 11 76        0.001    0.003     1.493    1.460

23  5 11 76        0.001    0.003     1.488    1.453
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	6	11	76	0.001	0.003	1.514	1.455
1	6	11	76	0.001	0.003	1.482	1.449
2	6	11	76	0.001	0.003	1.459	1.440
3	6	11	76	0.001	0.003	1.527	1.463
4	6	11	76	0.001	0.003	1.465	1.443
5	6	11	76	0.001	0.003	1.468	1.443
6	6	11	76	0.001	0.003	1.495	1.451
7	6	11	76	0.001	0.003	1.475	1.449
8	6	11	76	0.001	0.003	1.495	1.456
9	6	11	76	0.001	0.003	1.563	1.456
10	6	11	76	0.001	0.003	1.471	1.438
11	6	11	76	0.001	0.003	1.438	1.419
12	6	11	76	0.001	0.003	1.426	1.408
13	6	11	76	0.001	0.003	1.423	1.398
14	6	11	76	0.001	0.003	99.000	99.000
15	6	11	76	0.008	0.003	99.000	99.000
16	6	11	76	0.002	0.003	99.000	99.000
17	6	11	76	0.001	0.003	99.000	99.000
18	6	11	76	0.001	0.003	99.000	99.000
19	6	11	76	0.001	0.003	1.562	1.494
20	6	11	76	0.001	0.003	1.509	1.477
21	6	11	76	0.001	0.003	1.542	1.486
22	6	11	76	0.001	0.003	1.535	1.493
23	6	11	76	0.001	0.003	1.519	1.486

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                        AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0  7 11 76      0.001    0.003    1.510    1.483

 1  7 11 76      0.001    0.003    1.514    1.483

 2  7 11 76      0.001    0.003    1.618    1.504

 3  7 11 76      0.001    0.003    1.532    1.486

 4  7 11 76      0.001    0.003    1.512    1.485

 5  7 11 76      0.001    0.003    1.524    1.487

 6  7 11 76      0.001    0.003    1.525    1.487

 7  7 11 76      0.001    0.003    1.528    1.487

 8  7 11 76      0.001    0.003    1.525    1.486

 9  7 11 76      0.001    0.003    1.517    1.484

10  7 11 76      0.001    0.003    1.596    1.473

11  7 11 76      0.001    0.003    1.506    1.462

12  7 11 76      0.001    0.003    1.482    1.447

13  7 11 76      0.001    0.003    1.482    1.445

14  7 11 76      0.001    0.003    1.513    1.472

15  7 11 76      0.001    0.003    1.530    1.485

16  7 11 76      0.001    0.003    1.532    1.488

17  7 11 76      0.001    0.003    1.520    1.478

18  7 11 76      0.001    0.003    1.508    1.474

19  7 11 76      0.001    0.003    1.504    1.474

20  7 11 76      0.001    0.003    1.503    1.476

21  7 11 76      0.001    0.003    1.496    1.471

22  7 11 76      0.001    0.003    1.491    1.466

23  7 11 76      0.001    0.003    1.490    1.466
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                         AIR QUALITY DATA
HR DY MO YR              SO2       H2S        THC       CH4
++ ++ ++ ++             +------------------------------------------+

 0  8 11 76             0.001     0.003      1.498     1.469

 1  8 11 76             0.001     0.003      1.500     1.470

 2  8 11 76             0.001     0.003      1.528     1.481

 3  8 11 76             0.001     0.003      1.534     1.470

 4  8 11 76             0.001     0.003      1.498     1.465

 5  8 11 76             0.001     0.003      1.488     1.462

 6  8 11 76             0.001     0.003      1.487     1.462

 7  8 11 76             0.001     0.003      1.484     1.461

 8  8 11 76             0.001     0.003      1.488     1.458

 9  8 11 76             0.001     0.003      1.478     1.454

10  8 11 76             0.001     0.003      1.464     1.449

11  8 11 76             0.001     0.003      1.477     1.433

12  8 11 76             0.001     0.003      1.462     1.430

13  8 11 76             0.001     0.003      1.505     1.464

14  8 11 76             0.001     0.003      1.479     1.442

15  8 11 76             0.001     0.003      1.491     1.448

16  8 11 76             0.001     0.003      1.471     1.435

17  8 11 76             0.001     0.003      1.474     1.440

18  8 11 76             0.001     0.003      1.494     1.452

19  8 11 76             0.001     0.003      1.502     1.464

20  8 11 76             0.001     0.003      1.505     1.469

21  8 11 76             0.001     0.003      1.500     1.461

22  8 11 76             0.001     0.003      1.502     1.464

23  8 11 76             0.001     0.003      1.507     1.467
```

```
                         AIR  QUALITY  DATA
HR  DY  MO  YR          SO2       H2S       THC       CH4
++  ++  ++  ++        +------------------------------------+

 0   9  11  76        0.001     0.003     1.520     1.475

 1   9  11  76        0.001     0.003     1.523     1.476

 2   9  11  76        0.001     0.003     1.516     1.473

 3   9  11  76        0.001     0.003     1.520     1.470

 4   9  11  76        0.001     0.003     1.675     1.492

 5   9  11  76        0.001     0.003     1.819     1.552

 6   9  11  76        0.001     0.003     1.582     1.484

 7   9  11  76        0.001     0.003     1.570     1.477

 8   9  11  76        0.001     0.003     1.601     1.471

 9   9  11  76        0.001     0.003     1.498     1.449

10   9  11  76        0.001     0.003     1.476     1.436

11   9  11  76        0.001     0.003     1.461     1.427

12   9  11  76        0.001     0.003     1.451     1.418

13   9  11  76        0.001     0.003     1.448     1.413

14   9  11  76        0.001     0.003     1.445     1.407

15   9  11  76        0.001     0.003     1.434     1.404

16   9  11  76        0.001     0.003     1.458     1.421

17   9  11  76        0.001     0.003     1.496     1.450

18   9  11  76       99.000    99.000    99.000    99.000

19   9  11  76        0.001     0.003     1.510     1.467

20   9  11  76        0.001     0.003     1.524     1.475

21   9  11  76        0.001     0.003     1.504     1.464

22   9  11  76        0.001     0.003     1.489     1.455

23   9  11  76        0.001     0.003     1.483     1.452
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC      CH4
++ ++ ++ ++    +-----------------------------------+

 0 10 11 76    0.001    0.003    1.480    1.454

 1 10 11 76    0.001    0.003    1.490    1.460

 2 10 11 76    0.001    0.003    1.486    1.456

 3 10 11 76    0.001    0.003    1.472    1.446

 4 10 11 76    0.001    0.003    1.467    1.442

 5 10 11 76    0.001    0.003    1.472    1.446

 6 10 11 76    0.001    0.003    1.485    1.453

 7 10 11 76    0.001    0.003    1.479    1.449

 8 10 11 76    0.001    0.003    1.468    1.440

 9 10 11 76    0.001    0.003    1.462    1.433

10 10 11 76    0.001    0.003    1.459    1.429

11 10 11 76    0.001    0.003    1.458    1.425

12 10 11 76    0.001    0.003    1.473    1.435

13 10 11 76    0.001    0.003    1.467    1.432

14 10 11 76    0.001    0.003    1.457    1.422

15 10 11 76    0.001    0.003    1.452    1.422

16 10 11 76    0.001    0.003    1.454    1.424

17 10 11 76    0.001    0.003    1.460    1.430

18 10 11 76    0.001    0.003    1.475    1.438

19 10 11 76    0.001    0.003    1.486    1.447

20 10 11 76    0.001    0.003    1.483    1.446

21 10 11 76    0.001    0.003    1.486    1.450

22 10 11 76    0.001    0.003    1.493    1.454

23 10 11 76    0.001    0.003    1.506    1.458
```

```
                          AIR QUALITY DATA
HR DY MO YR             SO2      H2S      THC      CH4
++ ++ ++ ++           +-------------------------------+

 0 11 11 76           0.001    0.003    1.516    1.465

 1 11 11 76           0.001    0.003    1.574    1.513

 2 11 11 76           0.001    0.003    1.547    1.494

 3 11 11 76           0.001    0.003    1.540    1.486

 4 11 11 76           0.001    0.003    1.537    1.486

 5 11 11 76           0.001    0.003    1.537    1.483

 6 11 11 76           0.001    0.003    1.536    1.484

 7 11 11 76           0.001    0.003    1.526    1.477

 8 11 11 76           0.001    0.003    1.508    1.463

 9 11 11 76           0.001    0.003    1.497    1.451

10 11 11 76           0.001    0.003    1.491    1.445

11 11 11 76           0.001    0.003    1.487    1.440

12 11 11 76           0.001    0.003    1.473    1.430

13 11 11 76           0.001    0.003    1.469    1.427

14 11 11 76           0.001    0.003    1.453    1.415

15 11 11 76           0.001    0.003    1.450    1.410

16 11 11 76           0.001    0.003    1.443    1.408

17 11 11 76           0.001    0.003    1.495    1.454

18 11 11 76           0.001    0.003    1.479    1.441

19 11 11 76           0.001    0.003    1.476    1.440

20 11 11 76           0.001    0.003    1.482    1.445

21 11 11 76           0.001    0.003    1.485    1.447

22 11 11 76           0.001    0.003    1.483    1.446

23 11 11 76           0.001    0.003    1.485    1.445
```

```
                        AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++         +----------------------------------+

 0 12 11 76         0.001    0.003    1.485    1.449

 1 12 11 76         0.001    0.003    1.488    1.451

 2 12 11 76         0.001    0.003    1.494    1.457

 3 12 11 76         0.001    0.003    1.499    1.461

 4 12 11 76         0.001    0.003    1.518    1.474

 5 12 11 76         0.001    0.003    1.533    1.486

 6 12 11 76         0.001    0.003    1.540    1.490

 7 12 11 76         0.001    0.003    1.540    1.489

 8 12 11 76         0.001    0.003    1.542    1.493

 9 12 11 76         0.001    0.003    1.538    1.488

10 12 11 76         0.001    0.003    1.528    1.478

11 12 11 76         0.001    0.003    1.523    1.470

12 12 11 76         0.001    0.003    1.513    1.462

13 12 11 76         0.001    0.003   99.000   99.000

14 12 11 76         0.001    0.003   99.000   99.000

15 12 11 76         0.001    0.003    1.456    1.432

16 12 11 76         0.001    0.003    1.534    1.449

17 12 11 76         0.001    0.003    1.501    1.470

18 12 11 76         0.001    0.003    1.488    1.467

19 12 11 76         0.001    0.003    1.497    1.477

20 12 11 76         0.001    0.003    1.481    1.463

21 12 11 76         0.001    0.003    1.478    1.462

22 12 11 76         0.001    0.003    1.478    1.463

23 12 11 76         0.001    0.003    1.476    1.463
```

```
                        AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++           +-----------------------------------+

 0 13 11 76          0.001    0.003    1.474    1.465

 1 13 11 76          0.001    0.003    1.477    1.467

 2 13 11 76          0.001    0.003    1.479    1.467

 3 13 11 76          0.001    0.003    1.482    1.467

 4 13 11 76          0.001    0.003    1.485    1.469

 5 13 11 76          0.001    0.003    1.484    1.470

 6 13 11 76          0.001    0.003    1.499    1.479

 7 13 11 76          0.001    0.003    1.505    1.481

 8 13 11 76          0.001    0.003    1.501    1.481

 9 13 11 76          0.001    0.003    1.519    1.489

10 13 11 76          0.001    0.003    1.530    1.492

11 13 11 76          0.001    0.003    1.529    1.491

12 13 11 76          0.001    0.003    1.537    1.497

13 13 11 76          0.001    0.003    1.537    1.497

14 13 11 76          0.001    0.003    1.525    1.486

15 13 11 76          0.001    0.003    1.518    1.478

16 13 11 76          0.001    0.003    1.510    1.474

17 13 11 76          0.001    0.003    1.503    1.470

18 13 11 76          0.001    0.003    1.515    1.481

19 13 11 76          0.001    0.003    1.529    1.491

20 13 11 76          0.001    0.003    1.536    1.494

21 13 11 76          0.001    0.003    1.533    1.494

22 13 11 76          0.001    0.003    1.536    1.493

23 13 11 76          0.001    0.003    1.533    1.494
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                      AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC      CH4
++ ++ ++ ++    +----------------------------------+

 0 14 11 76    0.001    0.003    1.518    1.484

 1 14 11 76    0.001    0.003    1.505    1.474

 2 14 11 76    0.001    0.003    1.501    1.471

 3 14 11 76    0.001    0.003    1.494    1.467

 4 14 11 76    0.001    0.003    1.493    1.467

 5 14 11 76    0.001    0.003    1.493    1.470

 6 14 11 76    0.001    0.003    1.495    1.468

 7 14 11 76    0.001    0.003    1.487    1.463

 8 14 11 76    0.001    0.003    1.485    1.460

 9 14 11 76    0.001    0.003    1.484    1.455

10 14 11 76    0.001    0.003    1.472    1.447

11 14 11 76    0.001    0.003    1.458    1.437

12 14 11 76    0.001    0.003    1.448    1.428

13 14 11 76    0.001    0.003    1.447    1.425

14 14 11 76    0.001    0.003    1.450    1.428

15 14 11 76    0.001    0.003    1.439    1.424

16 14 11 76    0.001    0.003    1.436    1.421

17 14 11 76    0.001    0.003    1.450    1.431

18 14 11 76    0.001    0.003    1.464    1.442

19 14 11 76    0.001    0.003    1.462    1.442

20 14 11 76    0.001    0.003    1.457    1.441

21 14 11 76    0.001    0.003    1.460    1.443

22 14 11 76    0.001    0.003    1.461    1.441

23 14 11 76    0.001    0.003    1.457    1.442
```

```
                     AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 15 11 76      0.001    0.003    1.451    1.440

 1 15 11 76      0.001    0.003    1.450    1.439

 2 15 11 76      0.001    0.003    1.458    1.442

 3 15 11 76      0.001    0.003    1.459    1.445

 4 15 11 76      0.001    0.003    1.452    1.444

 5 15 11 76      0.001    0.003    1.452    1.444

 6 15 11 76      0.001    0.003    1.454    1.447

 7 15 11 76      0.001    0.003    1.458    1.450

 8 15 11 76      0.001    0.003    1.457    1.451

 9 15 11 76      0.001    0.003    1.458    1.449

10 15 11 76      0.001    0.003    1.450    1.443

11 15 11 76      0.001    0.003    1.442    1.434

12 15 11 76      0.001    0.003    1.435    1.427

13 15 11 76      0.001    0.003    1.439    1.425

14 15 11 76      0.001    0.003    1.429    1.418

15 15 11 76      0.001    0.003    1.427    1.417

16 15 11 76      0.001    0.003    1.445    1.431

17 15 11 76      0.001    0.003    1.448    1.436

18 15 11 76      0.001    0.003    1.451    1.441

19 15 11 76      0.001    0.003    1.448    1.439

20 15 11 76      0.001    0.003    1.449    1.442

21 15 11 76      0.001    0.003    1.451    1.446

22 15 11 76      0.001    0.003    1.463    1.456

23 15 11 76      0.001    0.003    1.479    1.465
```

```
                      AIR QUALITY DATA
HR DY MO YR            SO2     H2S     THC     CH4
++ ++ ++ ++          +-----------------------------+

 0 16 11 76          0.001   0.003   1.476   1.460

 1 16 11 76          0.001   0.003   1.474   1.458

 2 16 11 76          0.001   0.003   1.483   1.462

 3 16 11 76          0.001   0.003   1.480   1.461

 4 16 11 76          0.001   0.003   1.466   1.455

 5 16 11 76          0.001   0.003   1.487   1.473

 6 16 11 76          0.001   0.003   1.475   1.463

 7 16 11 76          0.001   0.003   1.472   1.465

 8 16 11 76          0.001   0.003   1.475   1.465

 9 16 11 76          0.001   0.003   1.478   1.466

10 16 11 76          0.001   0.003   1.473   1.461

11 16 11 76          0.001   0.003   1.465   1.451

12 16 11 76          0.001   0.003   1.453   1.443

13 16 11 76          0.001   0.003   1.447   1.440

14 16 11 76          0.001   0.003   1.446   1.439

15 16 11 76          0.001   0.003   1.444   1.437

16 16 11 76          0.001   0.003   1.437   1.431

17 16 11 76          0.001   0.003   1.473   1.430

18 16 11 76          0.001   0.003   1.469   1.455

19 16 11 76          0.001   0.003   1.469   1.460

20 16 11 76          0.001   0.003   1.468   1.463

21 16 11 76          0.001   0.003   1.471   1.465

22 16 11 76          0.001   0.003   1.475   1.468

23 16 11 76          0.001   0.003   1.479   1.470
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +------------------------------+

 0 17 11 76        0.001    0.003    1.483    1.473

 1 17 11 76        0.001    0.003    1.484    1.473

 2 17 11 76        0.001    0.003    1.473    1.466

 3 17 11 76        0.001    0.003    1.473    1.467

 4 17 11 76        0.001    0.003    1.475    1.468

 5 17 11 76        0.001    0.003    1.476    1.468

 6 17 11 76        0.001    0.003    1.478    1.469

 7 17 11 76        0.001    0.003    1.480    1.472

 8 17 11 76        0.001    0.003    1.479    1.471

 9 17 11 76        0.001    0.003    1.472    1.465

10 17 11 76        0.001    0.003    1.465    1.454

11 17 11 76        0.001    0.003    1.468    1.453

12 17 11 76        0.001    0.003    1.467    1.452

13 17 11 76        0.001    0.003    1.466    1.449

14 17 11 76        0.001    0.003    1.514    1.443

15 17 11 76        0.001    0.003    1.430    1.413

16 17 11 76        0.001    0.003    1.414    1.405

17 17 11 76        0.001    0.003    1.434    1.422

18 17 11 76        0.001    0.003    1.463    1.449

19 17 11 76        0.001    0.003    1.472    1.458

20 17 11 76        0.001    0.003    1.476    1.460

21 17 11 76        0.001    0.003    1.460    1.452

22 17 11 76        0.001    0.003    1.451    1.443

23 17 11 76        0.001    0.003    1.461    1.451
```

```
                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++          +-------------------------------+

 0 18 11 76          0.001    0.003    1.464    1.452

 1 18 11 76          0.001    0.003    1.498    1.476

 2 18 11 76          0.001    0.003    1.492    1.474

 3 18 11 76          0.001    0.003    1.468    1.454

 4 18 11 76          0.001    0.003    1.455    1.445

 5 18 11 76          0.001    0.003    1.469    1.459

 6 18 11 76          0.001    0.003    1.468    1.459

 7 18 11 76          0.001    0.003    1.464    1.454

 8 18 11 76          0.001    0.003    1.462    1.451

 9 18 11 76          0.001    0.003    1.453    1.446

10 18 11 76          0.001    0.003    1.435    1.427

11 18 11 76          0.001    0.003    1.412    1.405

12 18 11 76          0.001    0.003    1.403    1.396

13 18 11 76          0.001    0.003    1.400    1.394

14 18 11 76          0.001    0.003    1.391    1.387

15 18 11 76          0.001    0.003    1.383    1.379

16 18 11 76          0.001    0.003    1.380    1.375

17 18 11 76          0.001    0.003    1.383    1.379

18 18 11 76          0.001    0.003    1.423    1.406

19 18 11 76          0.001    0.003    1.496    1.457

20 18 11 76          0.001    0.003    1.572    1.505

21 18 11 76          0.001    0.003    1.596    1.520

22 18 11 76          0.001    0.003    1.529    1.481

23 18 11 76          0.001    0.003    1.480    1.452
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	19	11	76	0.001	0.003	1.475	1.449
1	19	11	76	0.001	0.003	1.469	1.446
2	19	11	76	0.001	0.003	1.476	1.452
3	19	11	76	0.001	0.003	1.472	1.451
4	19	11	76	0.001	0.003	1.481	1.454
5	19	11	76	0.001	0.003	1.469	1.446
6	19	11	76	0.001	0.003	1.452	1.437
7	19	11	76	0.001	0.003	1.471	1.449
8	19	11	76	0.001	0.003	1.482	1.454
9	19	11	76	0.001	0.003	1.473	1.444
10	19	11	76	0.001	0.003	1.456	1.431
11	19	11	76	0.001	0.003	1.415	1.402
12	19	11	76	0.001	0.003	1.410	1.397
13	19	11	76	0.001	0.013	99.000	99.000
14	19	11	76	0.001	0.004	99.000	99.000
15	19	11	76	0.001	0.003	99.000	99.000
16	19	11	76	0.001	0.003	1.417	1.403
17	19	11	76	0.001	0.003	1.425	1.411
18	19	11	76	0.001	0.003	1.451	1.433
19	19	11	76	0.001	0.003	1.463	1.444
20	19	11	76	0.001	0.003	1.463	1.447
21	19	11	76	0.001	0.003	1.467	1.450
22	19	11	76	0.001	0.003	1.478	1.457
23	19	11	76	0.001	0.003	1.488	1.463

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4
0	20	11	76	0.001	0.003	1.499	1.469
1	20	11	76	0.001	0.003	1.501	1.471
2	20	11	76	0.001	0.003	1.507	1.476
3	20	11	76	0.001	0.003	1.502	1.474
4	20	11	76	0.001	0.003	1.492	1.468
5	20	11	76	0.001	0.003	1.491	1.471
6	20	11	76	0.001	0.003	1.473	1.458
7	20	11	76	0.001	0.003	1.473	1.459
8	20	11	76	0.001	0.003	1.467	1.455
9	20	11	76	0.001	0.003	1.471	1.453
10	20	11	76	0.001	0.003	1.469	1.446
11	20	11	76	0.001	0.003	1.466	1.447
12	20	11	76	0.001	0.003	1.453	1.435
13	20	11	76	0.001	0.003	1.445	1.429
14	20	11	76	0.001	0.003	1.441	1.426
15	20	11	76	0.001	0.003	1.436	1.425
16	20	11	76	0.001	0.003	1.443	1.432
17	20	11	76	0.001	0.003	1.449	1.436
18	20	11	76	99.000	99.000	99.000	99.000
19	20	11	76	0.001	0.003	1.457	1.446
20	20	11	76	0.001	0.003	1.468	1.459
21	20	11	76	0.001	0.003	1.474	1.462
22	20	11	76	0.001	0.003	1.475	1.463
23	20	11	76	0.001	0.003	1.484	1.474

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	21	11	76	0.001	0.003	1.486	1.477
1	21	11	76	0.001	0.003	1.488	1.478
2	21	11	76	0.001	0.003	1.486	1.480
3	21	11	76	0.001	0.003	1.491	1.482
4	21	11	76	0.001	0.003	1.491	1.481
5	21	11	76	0.001	0.003	1.490	1.481
6	21	11	76	0.001	0.003	1.489	1.481
7	21	11	76	0.001	0.003	1.491	1.483
8	21	11	76	0.001	0.003	1.487	1.479
9	21	11	76	0.001	0.003	1.482	1.471
10	21	11	76	0.001	0.003	1.475	1.464
11	21	11	76	0.001	0.003	1.481	1.465
12	21	11	76	0.001	0.003	1.473	1.457
13	21	11	76	0.001	0.003	1.459	1.445
14	21	11	76	0.001	0.003	1.453	1.439
15	21	11	76	0.001	0.003	1.449	1.437
16	21	11	76	0.001	0.003	1.456	1.437
17	21	11	76	0.001	0.003	1.456	1.443
18	21	11	76	0.001	0.003	1.471	1.460
19	21	11	76	0.001	0.003	1.485	1.476
20	21	11	76	0.001	0.003	1.491	1.481
21	21	11	76	0.001	0.003	1.493	1.484
22	21	11	76	0.001	0.003	1.504	1.491
23	21	11	76	0.001	0.003	1.521	1.502

```
                          AIR QUALITY DATA
HR DY MO YR          SO2        H2S        THC        CH4
++ ++ ++ ++        +------------------------------------------+

 0 22 11 76        0.001      0.003      1.525      1.506

 1 22 11 76        0.001      0.003      1.511      1.495

 2 22 11 76        0.001      0.003      1.497      1.486

 3 22 11 76        0.001      0.003      1.490      1.478

 4 22 11 76        0.001      0.003      1.474      1.467

 5 22 11 76        0.001      0.003      1.469      1.464

 6 22 11 76        0.001      0.003      1.470      1.464

 7 22 11 76        0.001      0.003      1.477      1.468

 8 22 11 76        0.001      0.003      1.476      1.467

 9 22 11 76        0.001      0.003      1.473      1.463

10 22 11 76        0.001      0.003      1.469      1.456

11 22 11 76        0.001      0.003      1.478      1.465

12 22 11 76        0.001      0.003      1.448      1.437

13 22 11 76        0.001      0.003      1.461      1.445

14 22 11 76        0.001      0.003      1.480      1.460

15 22 11 76        0.001      0.003      1.475      1.456

16 22 11 76        0.001      0.003      1.470      1.450

17 22 11 76        0.001      0.003      1.505      1.472

18 22 11 76        0.001      0.003      1.491      1.469

19 22 11 76        0.001      0.003      1.469      1.457

20 22 11 76        0.001      0.003      1.472      1.459

21 22 11 76        0.001      0.003      1.486      1.472

22 22 11 76        0.001      0.003      1.489      1.476

23 22 11 76        0.001      0.003      1.489      1.480
```

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 RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                      AIR QUALITY DATA
HR DY MO YR           SO2     H2S     THC     CH4
++ ++ ++ ++          +-------------------------------+

 0 23 11 76         0.001   0.003   1.518   1.494

 1 23 11 76         0.001   0.003   1.544   1.508

 2 23 11 76         0.001   0.003   1.536   1.507

 3 23 11 76         0.001   0.003   1.504   1.489

 4 23 11 76         0.001   0.003   1.488   1.480

 5 23 11 76         0.001   0.003   1.478   1.476

 6 23 11 76         0.001   0.003   1.475   1.477

 7 23 11 76         0.001   0.003   1.476   1.476

 8 23 11 76         0.001   0.003   1.474   1.475

 9 23 11 76         0.001   0.003   1.474   1.471

10 23 11 76         0.001   0.003   1.466   1.462

11 23 11 76         0.001   0.003   1.457   1.454

12 23 11 76         0.001   0.003   1.453   1.450

13 23 11 76         0.001   0.003  99.000  99.000

14 23 11 76         0.001   0.003   1.434   1.420

15 23 11 76         0.001   0.003   1.461   1.448

16 23 11 76         0.001   0.003   1.469   1.455

17 23 11 76         0.001   0.003   1.498   1.478

18 23 11 76         0.001   0.003   1.509   1.490

19 23 11 76         0.001   0.003   1.521   1.502

20 23 11 76         0.001   0.003   1.527   1.508

21 23 11 76         0.001   0.003   1.526   1.511

22 23 11 76         0.001   0.003   1.522   1.507

23 23 11 76         0.001   0.003   1.523   1.506
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	24	11	76	0.001	0.003	1.506	1.494
1	24	11	76	0.001	0.003	1.496	1.486
2	24	11	76	0.001	0.003	1.492	1.484
3	24	11	76	0.001	0.003	1.490	1.481
4	24	11	76	0.001	0.003	1.494	1.484
5	24	11	76	0.001	0.003	1.494	1.485
6	24	11	76	0.001	0.003	1.495	1.483
7	24	11	76	0.001	0.003	1.492	1.481
8	24	11	76	0.001	0.003	1.488	1.480
9	24	11	76	0.001	0.003	1.484	1.472
10	24	11	76	0.001	0.003	1.478	1.464
11	24	11	76	0.001	0.003	1.469	1.455
12	24	11	76	0.001	0.003	1.461	1.448
13	24	11	76	0.001	0.003	1.454	1.441
14	24	11	76	0.001	0.003	1.450	1.438
15	24	11	76	0.001	0.003	1.451	1.439
16	24	11	76	0.001	0.003	1.458	1.444
17	24	11	76	0.001	0.003	1.456	1.443
18	24	11	76	0.001	0.003	1.467	1.455
19	24	11	76	0.001	0.003	1.471	1.463
20	24	11	76	0.001	0.003	1.472	1.462
21	24	11	76	0.001	0.003	1.475	1.465
22	24	11	76	0.001	0.003	1.473	1.464
23	24	11	76	0.001	0.003	1.470	1.461

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                   AIR QUALITY DATA
HR DY MO YR         SO2     H2S     THC     CH4
++ ++ ++ ++       +---------------------------------+

 0 25 11 76       0.001   0.003   1.467   1.459

 1 25 11 76       0.001   0.003   1.469   1.459

 2 25 11 76       0.001   0.003   1.471   1.462

 3 25 11 76       0.001   0.003   1.471   1.463

 4 25 11 76       0.001   0.003   1.468   1.457

 5 25 11 76       0.001   0.003   1.461   1.452

 6 25 11 76       0.001   0.003   1.457   1.451

 7 25 11 76       0.001   0.003   1.461   1.452

 8 25 11 76       0.001   0.003   1.464   1.453

 9 25 11 76       0.001   0.003   1.459   1.449

10 25 11 76       0.001   0.003   1.453   1.443

11 25 11 76       0.001   0.001   1.441   1.430

12 25 11 76       0.001   0.002   1.439   1.429

13 25 11 76       0.001   0.003   1.425   1.415

14 25 11 76       0.001   0.003   1.423   1.413

15 25 11 76       0.001   0.003   1.425   1.415

16 25 11 76       0.001   0.003   1.441   1.428

17 25 11 76       0.001   0.003   1.458   1.441

18 25 11 76       0.001   0.003   1.467   1.448

19 25 11 76       0.001   0.003   1.460   1.445

20 25 11 76       0.001   0.003   1.458   1.443

21 25 11 76       0.001   0.003   1.448   1.436

22 25 11 76       0.001   0.003   1.444   1.433

23 25 11 76       0.001   0.003   1.443   1.433
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	26	11	76	0.001	0.003	1.452	1.438
1	26	11	76	0.001	0.003	1.459	1.442
2	26	11	76	0.001	0.003	1.450	1.439
3	26	11	76	0.001	0.003	1.463	1.450
4	26	11	76	0.001	0.003	1.464	1.451
5	26	11	76	0.001	0.003	1.474	1.462
6	26	11	76	0.001	0.003	1.499	1.482
7	26	11	76	0.001	0.003	1.502	1.489
8	26	11	76	0.001	0.003	1.493	1.487
9	26	11	76	0.001	0.003	1.490	1.484
10	26	11	76	0.001	0.003	1.487	1.480
11	26	11	76	0.001	0.003	1.490	1.484
12	26	11	76	0.001	0.003	1.489	1.482
13	26	11	76	0.001	0.003	1.492	1.483
14	26	11	76	0.001	0.003	1.498	1.487
15	26	11	76	0.001	0.003	1.506	1.493
16	26	11	76	0.001	0.003	1.503	1.490
17	26	11	76	0.001	0.003	1.500	1.491
18	26	11	76	0.001	0.003	1.507	1.500
19	26	11	76	0.001	0.003	1.517	1.509
20	26	11	76	0.001	0.003	1.523	1.514
21	26	11	76	0.001	0.003	1.529	1.519
22	26	11	76	0.001	0.003	1.528	1.521
23	26	11	76	0.001	0.003	1.534	1.528

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO


                       AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 27 11 76      0.001    0.003    1.545    1.530

 1 27 11 76      0.001    0.003    1.552    1.536

 2 27 11 76      0.001    0.003    1.555    1.544

 3 27 11 76      0.001    0.003    1.557    1.546

 4 27 11 76      0.001    0.003    1.558    1.548

 5 27 11 76      0.001    0.003    1.556    1.546

 6 27 11 76      0.001    0.003    1.559    1.548

 7 27 11 76      0.001    0.003    1.564    1.553

 8 27 11 76      0.001    0.003    1.569    1.565

 9 27 11 76      0.001    0.003    1.560    1.556

10 27 11 76      0.001    0.003    1.531    1.520

11 27 11 76      0.001    0.003    1.510    1.497

12 27 11 76      0.001    0.003    1.499    1.485

13 27 11 76      0.001    0.003    1.494    1.480

14 27 11 76      0.001    0.003   99.000   99.000

15 27 11 76     99.000   99.000   99.000   99.000

16 27 11 76     99.000   99.000    1.448    1.424

17 27 11 76      0.001    0.004    1.499    1.473

18 27 11 76      0.001    0.003    1.520    1.489

19 27 11 76      0.001    0.003    1.531    1.498

20 27 11 76      0.001    0.003    1.531    1.500

21 27 11 76      0.001    0.003    1.534    1.501

22 27 11 76      0.001    0.003    1.531    1.501

23 27 11 76      0.001    0.003    1.530    1.500
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
++	++	++	++				
0	28	11	76	0.001	0.003	1.529	1.499
1	28	11	76	0.001	0.003	1.529	1.501
2	28	11	76	0.001	0.003	1.533	1.502
3	28	11	76	0.001	0.003	1.523	1.495
4	28	11	76	0.001	0.003	1.519	1.495
5	28	11	76	0.001	0.003	1.518	1.496
6	28	11	76	0.001	0.003	1.519	1.495
7	28	11	76	0.001	0.003	1.520	1.494
8	28	11	76	0.001	0.003	1.525	1.499
9	28	11	76	0.001	0.003	1.519	1.489
10	28	11	76	0.001	0.003	1.510	1.480
11	28	11	76	0.001	0.003	1.514	1.480
12	28	11	76	0.001	0.003	1.527	1.485
13	28	11	76	0.001	0.003	1.516	1.479
14	28	11	76	0.001	0.003	1.503	1.470
15	28	11	76	0.001	0.003	1.538	1.493
16	28	11	76	0.001	0.003	1.550	1.503
17	28	11	76	0.001	0.003	1.528	1.490
18	28	11	76	0.001	0.003	1.530	1.493
19	28	11	76	0.001	0.003	1.533	1.497
20	28	11	76	0.001	0.003	1.533	1.498
21	28	11	76	0.001	0.003	1.531	1.496
22	28	11	76	0.001	0.003	1.529	1.493
23	28	11	76	0.001	0.003	1.531	1.492

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	29	11	76	0.001	0.003	1.530	1.494
1	29	11	76	0.001	0.003	1.564	1.525
2	29	11	76	0.001	0.003	1.569	1.531
3	29	11	76	0.001	0.003	1.553	1.515
4	29	11	76	0.001	0.003	1.537	1.501
5	29	11	76	0.001	0.003	1.528	1.494
6	29	11	76	0.001	0.003	1.536	1.496
7	29	11	76	0.001	0.003	1.539	1.501
8	29	11	76	0.001	0.003	1.533	1.496
9	29	11	76	0.001	0.003	1.530	1.493
10	29	11	76	0.001	0.003	1.529	1.490
11	29	11	76	0.001	0.003	1.523	1.480
12	29	11	76	0.001	0.003	1.512	1.470
13	29	11	76	0.001	0.003	1.502	1.466
14	29	11	76	0.001	0.003	1.508	1.471
15	29	11	76	0.001	0.003	1.498	1.460
16	29	11	76	0.001	0.003	1.498	1.460
17	29	11	76	0.001	0.003	1.500	1.462
18	29	11	76	0.001	0.003	1.504	1.467
19	29	11	76	0.001	0.003	1.505	1.471
20	29	11	76	0.001	0.003	1.506	1.474
21	29	11	76	0.001	0.003	1.509	1.478
22	29	11	76	0.001	0.003	1.515	1.482
23	29	11	76	0.001	0.003	1.512	1.479

RIO BLANCO OIL SHALE PROJECT SITE TWO

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	30	11	76	0.001	0.003	1.510	1.478
1	30	11	76	0.001	0.003	1.508	1.477
2	30	11	76	0.001	0.003	1.513	1.479
3	30	11	76	0.001	0.003	1.509	1.478
4	30	11	76	0.001	0.003	1.526	1.492
5	30	11	76	0.001	0.003	1.512	1.481
6	30	11	76	0.001	0.003	1.518	1.486
7	30	11	76	0.001	0.003	1.511	1.479
8	30	11	76	0.001	0.003	1.505	1.474
9	30	11	76	0.001	0.003	1.499	1.471
10	30	11	76	0.001	0.003	1.498	1.466
11	30	11	76	0.001	0.003	1.497	1.462
12	30	11	76	0.001	0.003	1.499	1.466
13	30	11	76	0.001	0.003	1.502	1.468
14	30	11	76	0.001	0.003	1.519	1.476
15	30	11	76	0.001	0.003	1.512	1.467
16	30	11	76	0.001	0.003	1.565	1.510
17	30	11	76	0.001	0.003	1.549	1.495
18	30	11	76	0.001	0.003	1.517	1.469
19	30	11	76	99.000	99.000	99.000	99.000
20	30	11	76	99.000	99.000	99.000	99.000
21	30	11	76	99.000	99.000	99.000	99.000
22	30	11	76	99.000	99.000	99.000	99.000
23	30	11	76	99.000	99.000	99.000	99.000

A.1.3

AIR QUALITY DATA FOR SITE 3
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbon Concentration (ppm)
CH_4	Methane Concentration (ppm)
NO_x	Total Nitrogen Oxides Concentration (ppm)
NO	Nitric Oxide Concentration (ppm)
CO	Carbon Monoxide Concentration (ppm)
O_3	Ozone Concentration (ppm)

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	1	9	76	0.002	0.002	1.554	1.532	0.001	0.001	0.430	0.022
1	1	9	76	0.002	0.002	1.556	1.530	0.001	0.001	0.449	0.022
2	1	9	76	0.002	0.002	1.562	1.540	0.001	0.001	0.444	0.021
3	1	9	76	0.002	0.002	1.557	1.538	0.001	0.001	0.460	0.021
4	1	9	76	0.002	0.002	1.549	1.526	0.001	0.001	0.478	0.021
5	1	9	76	0.002	0.002	1.548	1.525	0.001	0.001	0.473	0.021
6	1	9	76	0.002	0.002	1.549	1.526	0.001	0.002	0.449	0.019
7	1	9	76	0.002	0.002	1.540	1.517	0.002	0.002	0.467	0.022
8	1	9	76	0.002	0.002	1.518	1.492	0.002	0.002	0.453	0.027
9	1	9	76	0.002	0.002	1.495	1.472	0.002	0.002	0.366	0.035
10	1	9	76	0.003	0.002	1.482	1.455	0.002	0.002	0.312	0.036
11	1	9	76	0.003	0.002	1.462	1.440	0.002	0.002	0.353	0.039
12	1	9	76	0.003	0.002	1.456	1.434	0.002	0.002	0.301	0.039
13	1	9	76	0.003	0.002	1.453	1.435	0.002	0.002	0.333	0.039
14	1	9	76	0.003	0.002	1.448	1.431	0.002	0.002	0.307	0.039
15	1	9	76	0.002	0.002	99.000	99.000	0.002	0.002	0.372	0.039
16	1	9	76	0.024	0.002	99.000	99.000	0.002	0.002	0.235	0.041
17	1	9	76	[illegible]	0.002	99.000	99.000	0.002	0.002	0.334	0.041
18	1	9	76	0.003	0.002	1.443	1.423	0.002	0.002	0.337	0.041
19	1	9	76	0.002	0.002	1.472	1.442	0.002	0.002	0.323	0.030
20	1	9	76	0.002	0.002	[illegible]	1.478	0.002	0.002	0.411	0.027
21	1	9	76	0.002	0.002	1.518	1.497	0.001	0.001	0.416	0.029
22	1	9	76	0.002	0.001	1.530	1.521	0.001	0.001	0.400	0.031
23	1	9	76	0.002	0.001	1.533	1.514	0.001	0.001	0.459	0.030

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
	2	9	76	0.002	0.001	1.530	1.512	0.001	0.001	0.398	0.030
1	2	9	76	0.002	0.001	1.532	1.512	0.001	0.001	0.412	0.030
2	2	9	76	0.002	0.001	1.529	1.512	0.001	0.001	0.471	0.029
3	2	9	76	0.002	0.001	1.536	1.515	0.001	0.001	0.464	0.024
4	2	9	76	0.002	0.001	1.541	1.521	0.001	0.001	0.430	0.019
5	2	9	76	0.002	0.001	1.523	1.507	0.001	0.001	0.415	0.019
6	2	9	76	0.002	0.001	1.543	1.523	0.001	0.001	0.411	0.018
7	2	9	76	0.002	0.001	1.554	1.530	0.001	0.001	0.450	0.022
8	2	9	76	0.002	0.001	1.531	1.497	0.002	0.002	0.461	0.029
9	2	9	76	0.002	0.002	1.489	1.465	0.002	0.002	0.358	0.032
10	2	9	76	0.002	0.002	1.471	1.447	0.002	0.002	0.392	0.041
11	2	9	76	0.002	0.002	1.468	1.442	0.002	0.002	0.423	0.043
12	2	9	76	0.002	0.002	1.481	1.450	0.002	0.002	0.428	0.042
13	2	9	76	0.002	0.002	1.456	1.434	0.002	0.002	0.395	0.041
14	2	9	76	0.002	0.002	1.439	1.418	0.002	0.002	0.314	0.040
15	2	9	76	0.002	0.002	1.442	1.420	0.002	0.002	0.291	0.039
16	2	9	76	0.002	0.002	1.436	1.421	0.002	0.002	0.238	0.039
17	2	9	76	0.002	0.002	1.434	1.416	0.002	0.002	0.236	0.039
18	2	9	76	0.002	0.002	1.461	1.428	0.002	0.002	0.360	0.038
19	2	9	76	0.002	0.002	1.470	1.442	0.002	0.002	0.367	0.036
20	2	9	76	0.002	0.002	1.489	1.470	0.001	0.001	0.356	0.028
21	2	9	76	0.002	0.002	1.533	1.505	0.001	0.001	0.441	0.030
22	2	9	76	0.002	0.002	1.530	1.505	0.001	0.001	0.471	0.030
23	2	9	76	0.002	0.002	1.535	1.505	0.001	0.001	0.466	0.027

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	9	76	0.002	0.001	1.544	1.526	0.001	0.001	0.427	0.023
1	3	9	76	0.002	0.002	1.557	1.526	0.001	0.001	0.414	0.021
2	3	9	76	0.002	0.002	1.543	1.522	0.001	0.001	0.462	0.020
3	3	9	76	0.002	0.002	1.543	1.531	0.001	0.001	0.481	0.020
4	3	9	76	0.002	0.002	1.546	1.527	0.001	0.001	0.456	0.021
5	3	9	76	0.002	0.002	1.538	1.513	0.001	0.001	0.472	0.020
6	3	9	76	0.002	0.002	1.564	1.544	0.001	0.001	0.419	0.021
7	3	9	76	0.002	0.002	1.559	1.526	0.002	0.001	0.466	0.024
8	3	9	76	0.002	0.001	1.511	1.486	0.002	0.002	0.460	0.031
9	3	9	76	0.002	0.002	1.475	1.451	0.002	0.002	0.378	0.036
10	3	9	76	0.002	0.002	1.456	1.435	0.003	0.003	0.415	0.040
11	3	9	76	0.002	0.002	1.425	1.408	0.002	0.002	0.325	0.040
12	3	9	76	0.003	0.002	1.418	1.392	0.002	0.002	0.285	0.040
13	3	9	76	0.003	0.002	1.412	1.395	0.002	0.002	0.299	0.040
14	3	9	76	0.003	0.002	1.411	1.393	0.002	0.002	0.297	0.040
15	3	9	76	0.002	0.002	1.409	1.389	0.002	0.002	0.271	0.040
16	3	9	76	0.003	0.002	1.415	1.390	0.002	0.002	0.312	0.041
17	3	9	76	0.003	0.002	1.416	1.394	0.002	0.002	0.238	0.041
18	3	9	76	0.003	0.002	1.425	1.399	0.002	0.002	0.284	0.040
19	3	9	76	0.002	0.002	1.456	1.421	0.002	0.002	0.336	0.026
20	3	9	76	0.002	0.002	1.472	1.447	0.002	0.002	0.351	0.025
21	3	9	76	0.002	0.002	1.512	1.471	0.001	0.001	0.356	0.026
22	3	9	76	0.002	0.002	1.522	1.486	0.001	0.001	0.375	0.027
23	3	9	76	0.002	0.002	1.526	1.492	0.001	0.001	0.403	0.026

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	4	9	76	0.002	0.002	1.513	1.483	0.001	0.001	0.386	0.028
1	4	9	76	0.002	0.002	1.524	1.497	0.001	0.001	0.425	0.023
2	4	9	76	0.002	0.002	1.537	1.505	0.001	0.001	0.432	0.023
3	4	9	76	0.002	0.002	1.527	1.504	0.001	0.001	0.439	0.019
4	4	9	76	0.002	0.002	1.524	1.504	0.001	0.001	0.444	0.022
5	4	9	76	0.002	0.002	1.523	1.50[illegible]	0.001	0.001	0.456	0.024
6	4	9	76	0.002	0.002	1.516	1.496	0.001	0.001	0.430	0.023
7	4	9	76	0.002	0.002	1.557	1.515	0.001	0.001	0.457	0.019
8	4	9	76	0.002	0.002	1.504	1.479	0.002	0.002	0.394	0.024
9	4	9	76	0.002	0.002	1.470	1.448	0.002	0.002	0.413	0.029
10	4	9	76	0.003	0.002	1.448	1.425	0.002	0.002	0.350	0.036
11	4	9	76	0.003	0.002	1.440	1.408	0.002	0.002	0.323	0.042
12	4	9	76	0.003	0.002	1.418	1.398	0.002	0.002	0.268	0.045
13	4	9	76	0.003	0.002	1.413	1.394	0.002	0.002	0.273	0.044
14	4	9	76	0.003	0.002	1.404	1.392	0.002	0.002	0.304	0.043
15	4	9	76	0.003	0.002	1.405	1.386	0.002	0.002	0.224	0.043
16	4	9	76	0.003	0.002	1.416	1.391	0.002	0.002	0.250	0.044
17	4	9	76	0.003	0.002	1.431	1.417	0.002	0.002	0.296	0.045
18	4	9	76	0.003	0.002	1.493	1.481	0.002	0.002	0.296	0.044
19	4	9	76	0.003	0.002	1.535	1.501	0.002	0.002	0.400	0.028
20	4	9	76	0.003	0.002	1.522	1.501	0.002	0.001	0.387	0.028
21	4	9	76	0.002	0.002	1.498	1.478	0.001	0.001	0.419	0.029
22	4	9	76	0.002	0.002	1.508	1.481	0.001	0.001	0.417	0.029
23	4	9	76	0.002	0.002	1.518	1.495	0.001	0.001	0.472	0.027

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                         RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                     AIR  QUALITY  DATA
 HR  DY  MO  YR       SO2     H2S       THC     CH4       NOX     NO        CO      O3
 ++  ++  ++  ++     +-------------------------------------------------------------------+

  0   5   9  76     0.002   0.002     1.514   1.483     0.001   0.001     0.475   0.029

  1   5   9  76     0.002   0.002     1.546   1.524     0.001   0.001     0.469   0.027

  2   5   9  76     0.002   0.002     1.523   1.491     0.001   0.001     0.423   0.023

  3   5   9  76     0.002   0.002     1.537   1.496     0.001   0.001     0.445   0.020

  4   5   9  76     0.002   0.002     1.539   1.506     0.001   0.001     0.451   0.023

  5   5   9  76     0.002   0.002     1.528   1.495     0.001   0.001     0.443   0.026

  6   5   9  76     0.002   0.002     1.534   1.501     0.001   0.001     0.478   0.025

  7   5   9  76     0.002   0.002     1.542   1.506     0.001   0.001     0.515   0.025

  8   5   9  76     0.002   0.002     1.495   1.464     0.002   0.002     0.432   0.027

  9   5   9  76     0.002   0.002     1.467   1.440     0.002   0.002     0.426   0.033

 10   5   9  76     0.002   0.002     1.449   1.425     0.002   0.002     0.356   0.038

 11   5   9  76     0.003   0.002     1.443   1.417     0.003   0.003     0.376   0.039

 12   5   9  76     0.003   0.002     1.437   1.403     0.003   0.003     0.362   0.044

 13   5   9  76     0.003   0.002     1.436   1.407     0.002   0.002     0.332   0.045

 14   5   9  76     0.003   0.002     1.441   1.412     0.002   0.002     0.359   0.045

 15   5   9  76     0.002   0.002     1.432   1.409     0.002   0.002     0.345   0.046

 16   5   9  76     0.003   0.002     1.429   1.407     0.002   0.002     0.463   0.045

 17   5   9  76     0.003   0.002     1.607   1.469     0.003   0.003     0.369   0.039

 18   5   9  76     0.003   0.002     1.516   1.475     0.003   0.003     0.418   0.032

 19   5   9  76     0.002   0.002     1.510   1.484     0.003   0.003     0.460   0.027

 20   5   9  76     0.002   0.002     1.495   1.473     0.002   0.002     0.426   0.028

 21   5   9  76     0.002   0.002     1.519   1.489     0.002   0.002     0.482   0.028

 22   5   9  76     0.002   0.002     1.508   1.483     0.002   0.002     0.473   0.030

 23   5   9  76     0.002   0.002     1.526   1.498     0.002   0.002     0.501   0.029
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	9	76	0.002	0.002	1.525	1.495	0.002	0.002	0.473	0.027
1	6	9	76	0.002	0.002	1.522	1.488	0.002	0.002	0.526	0.034
2	6	9	76	0.002	0.002	1.503	1.474	0.002	0.002	0.533	0.043
3	6	9	76	0.002	0.002	1.482	1.458	0.003	0.002	0.575	0.042
4	6	9	76	0.002	0.002	1.476	1.451	0.003	0.002	0.618	0.039
5	6	9	76	0.002	0.002	1.478	1.451	0.003	0.002	0.568	0.039
6	6	9	76	0.002	0.002	1.486	1.459	0.003	0.002	0.557	0.041
7	6	9	76	0.002	0.002	1.485	1.455	0.003	0.002	0.567	0.039
8	6	9	76	0.002	0.002	1.485	1.457	0.003	0.003	0.553	0.038
9	6	9	76	0.002	0.002	1.469	1.440	0.003	0.003	0.529	0.041
10	6	9	76	0.002	0.002	1.457	1.432	0.003	0.003	0.555	0.043
11	6	9	76	0.002	0.002	1.454	1.428	0.004	0.003	0.512	0.042
12	6	9	76	0.002	0.002	1.455	1.421	0.004	0.004	0.632	0.042
13	6	9	76	0.002	0.002	1.441	1.413	0.003	0.003	0.515	0.043
14	6	9	76	0.002	0.002	1.439	1.412	0.004	0.003	0.494	0.042
15	6	9	76	0.002	0.002	1.437	1.408	0.004	0.004	0.446	0.044
16	6	9	76	0.002	0.002	1.423	1.398	0.004	0.004	0.396	0.046
17	6	9	76	0.002	0.002	1.426	1.399	0.004	0.004	0.452	0.046
18	6	9	76	0.002	0.002	1.440	1.410	0.004	0.004	0.450	0.045
19	6	9	76	0.002	0.002	1.442	1.417	0.004	0.004	0.505	0.039
20	6	9	76	0.002	0.002	1.460	1.435	0.004	0.004	0.591	0.031
21	6	9	76	0.002	0.002	1.459	1.438	0.004	0.003	0.601	0.025
22	6	9	76	0.002	0.002	1.463	1.443	0.004	0.003	0.617	0.023
23	6	9	76	0.002	0.002	1.473	1.451	0.004	0.003	0.607	0.019

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	7	9	76	0.002	0.001	1.487	1.461	0.004	0.004	0.554	0.015
1	7	9	76	0.002	0.001	1.480	1.459	0.004	0.003	0.588	0.021
2	7	9	76	0.002	0.001	1.479	1.456	0.004	0.004	0.588	0.014
3	7	9	76	0.002	0.001	1.480	1.441	0.005	0.004	0.613	0.006
4	7	9	76	0.002	0.001	1.513	1.479	0.005	0.004	0.578	0.006
5	7	9	76	0.002	0.001	1.490	1.465	0.004	0.004	0.565	0.005
6	7	9	76	0.002	0.001	1.498	1.474	0.004	0.004	0.542	0.006
7	7	9	76	0.002	0.001	1.483	1.460	0.004	0.004	0.551	0.011
8	7	9	76	0.002	0.001	1.468	1.446	0.004	0.004	0.554	0.023
9	7	9	76	0.002	0.001	1.434	1.416	0.004	0.004	0.513	0.040
10	7	9	76	0.002	0.002	1.433	1.414	0.004	0.004	0.451	0.041
11	7	9	76	0.002	0.002	1.441	1.418	0.004	0.004	0.473	0.042
12	7	9	76	0.002	0.002	1.433	1.408	0.004	0.004	0.466	0.044
13	7	9	76	0.002	0.002	1.429	1.406	0.004	0.004	0.397	0.045
14	7	9	76	0.002	0.002	1.430	1.406	0.004	0.004	0.383	0.045
15	7	9	76	0.001	0.002	99.000	99.000	0.004	0.004	0.388	0.043
16	7	9	76	0.002	0.001	99.000	99.000	0.004	0.004	0.452	0.043
17	7	9	76	0.002	0.002	1.433	1.409	0.004	0.004	0.415	0.043
18	7	9	76	0.002	0.002	1.444	1.421	0.004	0.004	0.419	0.042
19	7	9	76	0.002	0.002	1.466	1.435	0.003	0.003	0.415	0.039
20	7	9	76	0.002	0.002	1.474	1.446	0.003	0.003	0.458	0.029
21	7	9	76	0.002	0.001	1.495	1.479	0.003	0.002	0.448	0.015
22	7	9	76	0.002	0.001	1.519	1.496	0.003	0.002	0.453	0.012
23	7	9	76	0.002	0.001	1.498	1.476	0.003	0.002	0.477	0.013

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	9	76	0.002	0.001	1.523	1.492	0.003	0.002	0.484	0.013
1	8	9	76	0.002	0.002	1.526	1.502	0.002	0.002	0.417	0.015
2	8	9	76	0.002	0.002	1.541	1.511	0.002	0.002	0.402	0.014
3	8	9	76	0.002	0.001	1.560	1.542	0.002	0.002	0.375	0.010
4	8	9	76	0.002	0.002	1.533	1.505	0.002	0.002	0.404	0.012
5	8	9	76	0.002	0.001	1.538	1.514	0.002	0.002	0.354	0.010
6	8	9	76	0.002	0.001	1.549	1.524	0.002	0.002	0.397	0.012
7	8	9	76	0.002	0.001	1.526	1.506	0.002	0.002	0.432	0.014
8	8	9	76	0.002	0.001	1.521	1.491	0.002	0.002	0.381	0.034
9	8	9	76	0.002	0.001	1.497	1.473	0.002	0.002	0.305	0.042
10	8	9	76	0.002	0.001	1.482	1.460	0.002	0.002	0.251	0.045
11	8	9	76	0.002	0.002	1.479	1.451	0.002	0.002	0.216	0.047
12	8	9	76	0.002	0.002	1.469	1.446	0.002	0.002	0.246	0.047
13	8	9	76	0.002	0.002	1.469	1.443	0.002	0.002	0.301	0.047
14	8	9	76	0.002	0.002	1.468	1.439	0.002	0.002	0.267	0.047
15	8	9	76	0.002	0.002	1.457	1.430	0.002	0.002	0.214	0.046
16	8	9	76	99.000	99.000	1.447	1.424	0.002	0.002	0.230	0.046
17	8	9	76	99.000	99.000	1.455	1.432	0.002	0.002	0.225	0.045
18	8	9	76	99.000	99.000	1.469	1.443	0.002	0.002	0.257	0.046
19	8	9	76	99.000	99.000	1.516	1.478	0.002	0.001	0.248	0.037
20	8	9	76	99.000	99.000	1.545	1.512	0.001	0.001	0.269	0.028
21	8	9	76	99.000	99.000	1.553	1.522	0.001	0.0	0.325	0.027
22	8	9	76	99.000	99.000	1.573	1.542	0.001	0.0	0.311	0.027
23	8	9	76	99.000	99.000	1.578	1.551	0.001	0.0	0.295	0.027

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	9	76	99.000	99.000	1.580	1.552	0.001	0.0	0.297	0.026
1	9	9	76	99.000	99.000	1.608	1.575	0.001	0.0	0.297	0.025
2	9	9	76	99.000	99.000	1.606	1.568	0.0	0.0	0.280	0.024
3	9	9	76	99.000	99.000	1.587	1.556	0.0	0.0	0.265	0.025
4	9	9	76	99.000	99.000	1.600	1.564	0.0	0.0	0.252	0.025
5	9	9	76	99.000	99.000	1.593	1.553	0.0	0.0	0.251	0.025
6	9	9	76	99.000	99.000	1.586	1.548	0.001	0.0	0.258	0.023
7	9	9	76	99.000	99.000	1.606	1.562	0.001	0.0	0.264	0.021
8	9	9	76	99.000	99.000	1.568	1.531	0.001	0.001	0.301	0.027
9	9	9	76	99.000	99.000	1.558	1.517	0.001	0.001	0.235	0.032
10	9	9	76	99.000	99.000	1.545	1.502	0.002	0.002	0.219	0.040
11	9	9	76	99.000	99.000	1.513	1.476	0.002	0.002	0.197	0.045
12	9	9	76	99.000	99.000	1.504	1.464	0.002	0.002	0.330	0.046
13	9	9	76	99.000	99.000	1.484	1.455	0.002	0.002	0.274	0.047
14	9	9	76	99.000	99.000	1.466	1.443	0.002	0.002	0.199	0.047
15	9	9	76	99.000	99.000	1.445	1.427	0.002	0.002	0.171	0.045
16	9	9	76	99.000	99.000	1.446	1.426	0.002	0.002	0.212	0.046
17	9	9	76	99.000	99.000	1.467	1.438	0.002	0.002	0.202	0.048
18	9	9	76	99.000	99.000	1.538	1.485	0.002	0.002	0.230	0.044
19	9	9	76	99.000	99.000	1.543	1.494	0.003	0.002	0.317	0.027
20	9	9	76	99.000	99.000	1.543	1.501	0.002	0.002	0.335	0.029
21	9	9	76	99.000	99.000	1.557	1.514	0.001	0.001	0.360	0.028
22	9	9	76	99.000	99.000	1.566	1.530	0.001	0.001	0.333	0.030
23	9	9	76	99.000	99.000	1.541	1.518	0.001	0.001	0.361	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	10	9	76	99.000	99.000	1.534	1.508	0.001	0.001	0.356	0.022
1	10	9	76	99.000	99.000	1.559	1.520	0.001	0.001	0.360	0.023
2	10	9	76	99.000	99.000	1.553	1.515	0.001	0.001	0.342	0.022
3	10	9	76	99.000	99.000	1.545	1.516	0.001	0.001	0.372	0.021
4	10	9	76	99.000	99.000	1.536	1.505	0.001	0.001	0.378	0.017
5	10	9	76	99.000	99.000	1.534	1.504	0.001	0.001	0.386	0.015
6	10	9	76	99.000	99.000	1.534	1.505	0.001	0.001	0.382	0.013
7	10	9	76	99.000	99.000	1.532	1.503	0.002	0.001	0.403	0.016
8	10	9	76	99.000	99.000	1.535	1.500	0.002	0.002	0.418	0.024
9	10	9	76	99.000	99.000	1.512	1.481	0.002	0.002	0.460	0.026
10	10	9	76	99.000	99.000	1.505	1.488	0.002	0.002	0.388	0.041
11	10	9	76	99.000	99.000	1.485	1.459	0.002	0.002	0.399	0.045
12	10	9	76	99.000	99.000	1.468	1.444	0.002	0.002	0.359	0.045
13	10	9	76	99.000	99.000	1.457	1.433	0.003	0.002	0.346	0.044
14	10	9	76	99.000	99.000	1.455	1.435	0.003	0.002	0.385	0.043
15	10	9	76	99.000	99.000	1.453	1.433	0.003	0.002	0.345	0.042
16	10	9	76	99.000	99.000	1.454	1.429	0.003	0.002	0.336	0.042
17	10	9	76	99.000	99.000	1.464	1.433	0.002	0.002	0.356	0.042
18	10	9	76	99.000	99.000	1.462	1.445	0.003	0.002	0.270	0.040
19	10	9	76	99.000	99.000	1.468	1.443	0.002	0.002	0.297	0.038
20	10	9	76	99.000	99.000	1.479	1.458	0.002	0.002	0.339	0.032
21	10	9	76	99.000	99.000	1.493	1.467	0.002	0.001	0.378	0.029
22	10	9	76	99.000	99.000	1.514	1.479	0.002	0.001	0.380	0.025
23	10	9	76	99.000	99.000	1.529	1.495	0.002	0.001	0.378	0.019

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	9	76	99.000	99.000	1.521	1.480	0.002	0.001	0.370	0.020
1	11	9	76	99.000	99.000	1.530	1.490	0.002	0.002	0.322	0.015
2	11	9	76	99.000	99.000	1.507	1.468	0.002	0.002	0.339	0.013
3	11	9	76	99.000	99.000	1.502	1.466	0.002	0.002	0.372	0.027
4	11	9	76	99.000	99.000	1.489	1.454	0.002	0.002	0.383	0.032
5	11	9	76	99.000	99.000	1.487	1.456	0.002	0.002	0.347	0.027
6	11	9	76	99.000	99.000	1.480	1.442	0.002	0.002	0.275	0.028
7	11	9	76	99.000	99.000	1.486	1.458	0.002	0.002	0.279	0.020
8	11	9	76	99.000	99.000	1.466	1.433	0.002	0.002	0.331	0.025
9	11	9	76	99.000	99.000	1.418	1.401	0.003	0.003	0.223	0.033
10	11	9	76	99.000	99.000	1.394	1.376	0.003	0.003	0.256	0.035
11	11	9	76	99.000	99.000	1.380	1.358	0.003	0.003	0.261	0.035
12	11	9	76	99.000	99.000	1.360	1.351	0.003	0.003	0.198	0.036
13	11	9	76	99.000	99.000	99.000	99.000	0.003	0.003	0.106	0.035
14	11	9	76	99.000	99.000	99.000	99.000	0.003	0.003	0.208	0.036
15	11	9	76	99.000	99.000	1.313	1.298	0.003	0.004	0.123	0.038
16	11	9	76	99.000	99.000	1.350	1.336	0.003	0.003	0.306	0.035
17	11	9	76	99.000	99.000	1.375	1.368	0.003	0.003	0.302	0.030
18	11	9	76	99.000	99.000	1.390	1.382	0.002	0.002	0.306	0.025
19	11	9	76	99.000	99.000	1.413	1.406	0.002	0.002	0.232	0.016
20	11	9	76	99.000	99.000	1.398	1.393	0.002	0.002	0.236	0.013
21	11	9	76	99.000	99.000	1.393	1.394	0.002	0.002	0.206	0.017
22	11	9	76	99.000	99.000	1.385	1.385	0.002	0.002	0.241	0.027
23	11	9	76	99.000	99.000	1.382	1.379	0.002	0.002	0.212	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	12	9	76	99.000	99.000	1.379	1.372	0.002	0.002	0.187	0.019
1	12	9	76	99.000	99.000	1.369	1.383	0.002	0.002	0.249	0.021
2	12	9	76	99.000	99.000	1.379	1.380	0.002	0.002	0.263	0.015
3	12	9	76	99.000	99.000	1.383	1.383	0.002	0.002	0.232	0.010
4	12	9	76	99.000	99.000	1.371	1.372	0.002	0.002	0.204	0.005
5	12	9	76	99.000	99.000	1.366	1.367	0.002	0.001	0.155	0.004
6	12	9	76	99.000	99.000	1.359	1.363	0.002	0.002	0.151	0.004
7	12	9	76	99.000	99.000	1.368	1.367	0.002	0.002	0.169	0.009
8	12	9	76	99.000	99.000	1.361	1.363	0.002	0.002	0.186	0.020
9	12	9	76	99.000	99.000	1.334	1.336	0.002	0.002	0.208	0.031
10	12	9	76	99.000	99.000	1.313	1.321	0.002	0.002	0.158	0.036
11	12	9	76	99.000	99.000	1.310	1.311	0.002	0.002	0.151	0.040
12	12	9	76	99.000	99.000	1.316	1.312	0.002	0.002	0.126	0.041
13	12	9	76	99.000	99.000	1.304	1.308	0.002	0.002	0.192	0.041
14	12	9	76	99.000	99.000	1.301	1.307	0.002	0.002	0.121	0.042
15	12	9	76	99.000	99.000	1.322	1.321	0.002	0.002	0.135	0.041
16	12	9	76	99.000	99.000	1.332	1.338	0.002	0.002	0.128	0.040
17	12	9	76	99.000	99.000	1.332	1.345	0.002	0.002	0.184	0.040
18	12	9	76	99.000	99.000	1.337	1.343	0.002	0.002	0.101	0.037
19	12	9	76	99.000	99.000	1.348	1.356	0.002	0.002	0.130	0.022
20	12	9	76	99.000	99.000	1.369	1.371	0.001	0.001	0.143	0.021
21	12	9	76	99.000	99.000	1.389	1.391	0.001	0.001	0.127	0.020
22	12	9	76	99.000	99.000	1.394	1.391	0.001	0.001	0.120	0.018
23	12	9	76	99.000	99.000	1.391	1.393	0.001	0.001	0.128	0.017

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	13	9	76	99.000	99.000	1.398	1.389	0.001	0.001	0.120	0.013
1	13	9	76	99.000	99.000	1.403	1.395	0.001	0.001	0.057	0.011
2	13	9	76	99.000	99.000	1.390	1.393	0.001	0.001	0.065	0.010
3	13	9	76	99.000	99.000	1.384	1.387	0.001	0.001	0.053	0.013
4	13	9	76	99.000	99.000	1.387	1.387	0.001	0.001	0.040	0.014
5	13	9	76	99.000	99.000	1.396	1.397	0.001	0.001	0.038	0.013
6	13	9	76	99.000	99.000	1.403	1.402	0.001	0.001	0.040	0.009
7	13	9	76	99.000	99.000	1.407	1.403	0.001	0.001	0.037	0.006
8	13	9	76	99.000	99.000	1.392	1.390	0.002	0.002	0.045	0.011
9	13	9	76	99.000	99.000	1.365	1.365	0.002	0.002	0.149	0.026
10	13	9	76	99.000	99.000	1.333	1.341	0.002	0.002	0.087	0.034
11	13	9	76	99.000	99.000	1.315	1.315	0.002	0.002	0.017	0.036
12	13	9	76	99.000	99.000	1.300	1.309	0.002	0.002	0.078	0.038
13	13	9	76	99.000	99.000	1.293	1.305	0.002	0.002	0.0	0.039
14	13	9	76	99.000	99.000	1.304	1.307	0.002	0.002	0.039	0.038
15	13	9	76	99.000	99.000	1.297	1.306	0.002	0.002	0.002	0.038
16	13	9	76	99.000	99.000	1.299	1.308	0.002	0.002	0.0	0.039
17	13	9	76	99.000	99.000	1.317	1.317	0.002	0.002	0.0	0.040
18	13	9	76	99.000	99.000	1.378	1.361	0.002	0.002	0.005	0.041
19	13	9	76	99.000	99.000	1.387	1.384	0.002	0.002	0.055	0.039
20	13	9	76	99.000	99.000	1.389	1.378	0.002	0.002	0.093	0.035
21	13	9	76	99.000	99.000	1.368	1.368	0.001	0.001	0.091	0.036
22	13	9	76	99.000	99.000	1.367	1.368	0.001	0.001	0.085	0.036
23	13	9	76	99.000	99.000	1.379	1.373	0.001	0.001	0.0	0.027

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	14	9	76	99.000	99.000	1.375	1.381	0.001	0.001	0.0	0.022
1	14	9	76	99.000	99.000	1.378	1.381	0.001	0.001	0.022	0.030
2	14	9	76	99.000	99.000	1.364	1.366	0.001	0.001	0.068	0.036
3	14	9	76	99.000	99.000	1.374	1.374	0.001	0.001	0.011	0.028
4	14	9	76	99.000	99.000	1.369	1.371	0.001	0.001	0.045	0.023
5	14	9	76	99.000	99.000	1.379	1.382	0.001	0.001	0.054	0.017
6	14	9	76	99.000	99.000	1.359	1.366	0.001	0.001	0.065	0.018
7	14	9	76	99.000	99.000	1.368	1.370	0.001	0.001	0.057	0.021
8	14	9	76	99.000	99.000	1.377	1.373	0.002	0.002	0.104	0.021
9	14	9	76	99.000	99.000	1.391	1.380	0.002	0.002	0.074	0.024
10	14	9	76	99.000	99.000	1.391	1.380	0.002	0.002	0.112	0.026
11	14	9	76	99.000	99.000	1.378	1.363	0.002	0.002	0.053	0.028
12	14	9	76	99.000	99.000	1.345	1.338	0.003	0.003	0.596	0.032
13	14	9	76	99.000	99.000	1.322	1.327	0.003	0.002	0.737	0.038
14	14	9	76	99.000	99.000	1.306	1.313	0.003	0.002	0.732	0.042
15	14	9	76	99.000	99.000	1.347	1.310	0.003	0.003	0.696	0.042
16	14	9	76	99.000	99.000	1.357	1.309	0.003	0.003	0.708	0.042
17	14	9	76	99.000	99.000	1.307	1.307	0.002	0.002	0.310	0.049
18	14	9	76	99.000	99.000	1.318	1.322	0.003	0.002	0.705	0.043
19	14	9	76	99.000	99.000	1.335	1.342	0.002	0.002	0.718	0.026
20	14	9	76	99.000	99.000	1.346	1.351	0.002	0.001	0.716	0.024
21	14	9	76	99.000	99.000	1.348	1.351	0.001	0.001	0.713	0.024
22	14	9	76	99.000	99.000	1.348	1.353	0.001	0.001	0.709	0.024
23	14	9	76	99.000	99.000	1.353	1.358	0.001	0.001	0.709	0.023

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	15	9	76	99.000	99.000	1.358	1.362	0.002	0.001	0.697	0.020
1	15	9	76	99.000	99.000	1.354	1.358	0.002	0.001	0.659	0.020
2	15	9	76	99.000	99.000	1.367	1.370	0.001	0.001	0.639	0.016
3	15	9	76	99.000	99.000	1.371	1.372	0.001	0.001	0.647	0.014
4	15	9	76	99.000	99.000	1.388	1.385	0.001	0.001	0.653	0.012
5	15	9	76	99.000	99.000	1.393	1.383	0.001	0.001	0.629	0.011
6	15	9	76	99.000	99.000	1.385	1.381	0.001	0.001	0.626	0.011
7	15	9	76	99.000	99.000	1.380	1.379	0.001	0.001	0.648	0.015
8	15	9	76	99.000	99.000	1.354	1.354	0.002	0.002	0.657	0.023
9	15	9	76	99.000	99.000	1.312	1.325	0.002	0.002	0.699	0.032
10	15	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.643	0.037
11	15	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.577	0.040
12	15	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.571	0.042
13	15	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.538	0.042
14	15	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.581	0.042
15	15	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.561	0.043
16	15	9	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
17	15	9	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
18	15	9	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	15	9	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
20	15	9	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
21	15	9	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
22	15	9	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
23	15	9	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000

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                                RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                         AIR  QUALITY  DATA
HR DY MO YR          SO2      H2S       THC     CH4       NOX     NO        CO      O3
++ ++ ++ ++        +---------------------------------------------------------------------+

 0 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

 1 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

 2 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

 3 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

 4 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

 5 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

 6 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

 7 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

 8 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

 9 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

10 16  9 76       99.000  99.000   99.000  99.000   99.000  99.000    99.000  99.000

11 16  9 76       99.000  99.000    1.235   1.298    0.002   0.003     0.625   0.040

12 16  9 76       99.000  99.000    1.228   1.292    0.002   0.002     0.535   0.041

13 16  9 76       99.000  99.000    1.220   1.287    0.002   0.002     0.584   0.042

14 16  9 76       99.000  99.000    1.227   1.291    0.002   0.002     0.560   0.042

15 16  9 76       99.000  99.000    1.230   1.288    0.002   0.002     0.544   0.042

16 16  9 76       99.000  99.000    1.222   1.290    0.002   0.002     0.547   0.041

17 16  9 76       99.000  99.000    1.226   1.298    0.002   0.002     0.497   0.041

18 16  9 76       99.000  99.000    1.242   1.294    0.002   0.002     0.555   0.041

19 16  9 76       99.000  99.000    1.262   1.320    0.002   0.001     0.560   0.029

20 16  9 76       99.000  99.000    1.290   1.291    0.001   0.001     0.555   0.028

21 16  9 76       99.000  99.000    1.262   1.236    0.001   0.001     0.580   0.028

22 16  9 76       99.000  99.000    1.282   1.311    0.001   0.001     0.554   0.021

23 16  9 76       99.000  99.000    1.269   1.300    0.001   0.001     0.514   0.018
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	17	9	76	99.000	99.000	1.278	1.312	0.001	0.001	0.513	0.018
1	17	9	76	99.000	99.000	1.279	1.306	0.001	0.001	0.511	0.025
2	17	9	76	99.000	99.000	1.281	1.306	0.001	0.001	0.532	0.025
3	17	9	76	99.000	99.000	1.289	1.318	0.001	0.001	0.515	0.022
4	17	9	76	99.000	99.000	1.284	1.312	0.001	0.001	0.561	0.024
5	17	9	76	99.000	99.000	1.273	1.300	0.001	0.001	0.515	0.024
6	17	9	76	99.000	99.000	1.280	1.308	0.001	0.001	0.530	0.023
7	17	9	76	99.000	99.000	1.283	1.302	0.001	0.001	0.545	0.020
8	17	9	76	99.000	99.000	1.271	1.290	0.002	0.002	0.620	0.028
9	17	9	76	99.000	99.000	1.257	1.281	0.002	0.002	0.523	0.035
10	17	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.619	0.038
11	17	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.512	0.038
12	17	9	76	99.000	99.000	1.239	1.273	0.002	0.002	0.462	0.039
13	17	9	76	99.000	99.000	1.274	1.289	0.002	0.002	0.643	0.041
14	17	9	76	99.000	99.000	1.282	1.289	0.002	0.002	0.506	0.043
15	17	9	76	99.000	99.000	1.302	1.294	0.002	0.002	0.408	0.043
16	17	9	76	99.000	99.000	1.289	1.297	0.002	0.002	0.410	0.044
17	17	9	76	99.000	99.000	1.282	1.296	0.002	0.002	0.499	0.045
18	17	9	76	99.000	99.000	1.291	1.305	0.002	0.002	0.443	0.043
19	17	9	76	99.000	99.000	1.344	1.347	0.002	0.002	0.448	0.030
20	17	9	76	99.000	99.000	1.342	1.350	0.001	0.001	0.533	0.026
21	17	9	76	99.000	99.000	1.339	1.349	0.001	0.001	0.579	0.023
22	17	9	76	99.000	99.000	1.359	1.368	0.001	0.001	0.583	0.023
23	17	9	76	99.000	99.000	1.375	1.378	0.001	0.001	0.588	0.023

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                              RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                          AIR  QUALITY  DATA
HR DY MO YR        SO2     H2S       THC     CH4       NOX     NO        CO      O3
++ ++ ++ ++     +-------------------------------------------------------------------------

 0 18  9 76     99.000  99.000     1.359   1.373     0.001   0.001     0.552   0.026

 1 18  9 76     99.000  99.000     1.369   1.375     0.0     0.0       0.536   0.024

 2 18  9 76     99.000  99.000     1.382   1.391     0.0     0.0       0.500   0.026

 3 18  9 76     99.000  99.000     1.377   1.381     0.0     0.0       0.525   0.028

 4 18  9 76     99.000  99.000     1.379   1.387     0.0     0.0       0.570   0.026

 5 18  9 76     99.000  99.000     1.371   1.385     0.0     0.0       0.555   0.025

 6 18  9 76     99.000  99.000     1.377   1.393     0.0     0.0       0.539   0.023

 7 18  9 76     99.000  99.000     1.366   1.372     0.0     0.0       0.584   0.024

 8 18  9 76     99.000  99.000     1.327   1.343     0.001   0.001     0.599   0.030

 9 18  9 76     99.000  99.000     1.316   1.334     0.002   0.001     0.451   0.031

10 18  9 76     99.000  99.000     1.317   1.325     0.006   0.006     0.547   0.034

11 18  9 76     99.000  99.000     1.280   1.292     0.003   0.003     0.481   0.038

12 18  9 76     99.000  99.000     1.286   1.291     0.003   0.002     0.424   0.041

13 18  9 76     99.000  99.000     1.272   1.291     0.002   0.002     0.419   0.044

14 18  9 76     99.000  99.000     1.288   1.295     0.002   0.002     0.363   0.045

15 18  9 76     99.000  99.000     1.292   1.301     0.002   0.002     0.347   0.046

16 18  9 76     99.000  99.000    99.000  99.000     0.002   0.002     0.382   0.046

17 18  9 76     99.000  99.000    99.000  99.000     0.002   0.002     0.336   0.046

18 18  9 76     99.000  99.000    99.000  99.000     0.001   0.002     0.401   0.045

19 18  9 76     99.000  99.000    99.000  99.000     0.001   0.001     0.426   0.032

20 18  9 76     99.000  99.000    99.000  99.000     0.0     0.0       0.431   0.029

21 18  9 76     99.000  99.000    99.000  99.000     0.0     0.0       0.486   0.026

22 18  9 76     99.000  99.000    99.000  99.000     0.0     0.0       0.511   0.026

23 18  9 76     99.000  99.000    99.000  99.000     0.0     0.0       0.536   0.027
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                        RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                   AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC    CH4       NOX     NO         CO       O3
++ ++ ++ ++   +-------------------------------------------------------------------+

 0 19  9 76   99.000  99.000   99.000 99.000     0.001   0.0       0.571   0.029

 1 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.576   0.030

 2 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.570   0.028

 3 19  9 76   99.000  99.000   99.000 99.000     0.001   0.0       0.565   0.027

 4 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.579   0.028

 5 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.574   0.026

 6 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.568   0.023

 7 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.573   0.023

 8 19  9 76   99.000  99.000   99.000 99.000     0.002   0.002     0.618   0.029

 9 19  9 76   99.000  99.000   99.000 99.000     0.002   0.002     0.603   0.031

10 19  9 76   99.000  99.000   99.000 99.000     0.003   0.002     0.526   0.036

11 19  9 76   99.000  99.000   99.000 99.000     0.003   0.003     0.541   0.040

12 19  9 76   99.000  99.000   99.000 99.000     0.003   0.003     0.515   0.040

13 19  9 76   99.000  99.000   99.000 99.000     0.003   0.002     0.590   0.041

14 19  9 76   99.000  99.000   99.000 99.000     0.002   0.002     0.412   0.045

15 19  9 76   99.000  99.000   99.000 99.000     0.002   0.002     0.356   0.045

16 19  9 76   99.000  99.000   99.000 99.000     0.002   0.002     0.421   0.045

17 19  9 76   99.000  99.000   99.000 99.000     0.002   0.002     0.426   0.045

18 19  9 76   99.000  99.000   99.000 99.000     0.002   0.002     0.400   0.038

19 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.435   0.027

20 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.511   0.035

21 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.566   0.031

22 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.551   0.027

23 19  9 76   99.000  99.000   99.000 99.000     0.001   0.001     0.555   0.021
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	20	9	76	99.000	99.000	99.000	99.000	0.001	0.001	0.550	0.019
1	20	9	76	99.000	99.000	99.000	99.000	0.001	0.001	0.534	0.020
2	20	9	76	99.000	99.000	99.000	99.000	0.001	0.001	0.539	0.017
3	20	9	76	99.000	99.000	99.000	99.000	0.001	0.001	0.553	0.014
4	20	9	76	99.000	99.000	99.000	99.000	0.001	0.001	0.528	0.012
5	20	9	76	99.000	99.000	99.000	99.000	0.001	0.001	0.522	0.010
6	20	9	76	99.000	99.000	99.000	99.000	0.001	0.001	0.537	0.008
7	20	9	76	99.000	99.000	99.000	99.000	0.001	0.001	0.531	0.008
8	20	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.597	0.019
9	20	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.642	0.025
10	20	9	76	99.000	99.000	99.000	99.000	0.003	0.003	0.535	0.030
11	20	9	76	99.000	99.000	99.000	99.000	0.003	0.003	0.529	0.034
12	20	9	76	99.000	99.000	99.000	99.000	0.003	0.002	0.463	0.036
13	20	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.478	0.037
14	20	9	76	99.000	99.000	99.000	99.000	0.002	0.003	0.492	0.039
15	20	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.406	0.042
16	20	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.441	0.043
17	20	9	76	99.000	99.000	99.000	99.000	0.001	0.001	0.344	0.043
18	20	9	76	0.004	0.004	1.349	1.323	0.001	0.001	0.369	0.043
19	20	9	76	0.004	0.004	1.338	1.343	0.001	0.001	0.394	0.029
20	20	9	76	0.004	0.004	1.367	1.367	0.0	0.0	0.439	0.029
21	20	9	76	0.004	0.003	1.375	1.376	0.0	0.0	0.464	0.027
22	20	9	76	0.003	0.003	1.374	1.379	0.0	0.0	0.529	0.027
23	20	9	76	0.004	0.004	1.375	1.381	0.0	0.0	0.483	0.027

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	9	76	0.004	0.004	1.375	1.383	0.0	0.0	0.467	0.027
1	21	9	76	0.004	0.004	1.375	1.378	0.0	0.0	0.472	0.028
2	21	9	76	0.004	0.004	1.381	1.383	0.0	0.0	0.487	0.026
3	21	9	76	0.004	0.004	1.386	1.391	0.0	0.0	0.451	0.021
4	21	9	76	0.004	0.004	1.391	1.395	0.0	0.0	0.455	0.021
5	21	9	76	0.004	0.004	1.390	1.394	0.0	0.0	0.440	0.022
6	21	9	76	0.004	0.003	1.388	1.392	0.0	0.0	0.455	0.020
7	21	9	76	0.004	0.004	1.391	1.395	0.001	0.0	0.449	0.022
8	21	9	76	0.004	0.004	1.380	1.381	0.001	0.001	0.464	0.027
9	21	9	76	0.004	0.004	1.364	1.364	0.001	0.001	0.448	0.032
10	21	9	76	0.004	0.004	1.333	1.340	0.002	0.002	0.351	0.039
11	21	9	76	0.004	0.004	1.312	1.321	0.002	0.002	0.386	0.041
12	21	9	76	0.003	0.004	99.000	99.000	0.002	0.002	0.376	0.044
13	21	9	76	0.004	0.004	99.000	99.000	0.002	0.002	0.426	0.043
14	21	9	76	0.005	0.005	99.000	99.000	0.002	0.002	0.430	0.044
15	21	9	76	0.004	0.004	1.317	1.322	0.002	0.002	0.354	0.044
16	21	9	76	0.004	0.004	1.349	1.347	0.002	0.002	0.369	0.045
17	21	9	76	0.005	0.005	1.351	1.346	0.002	0.002	0.383	0.044
18	21	9	76	0.004	0.005	1.342	1.344	0.002	0.002	0.398	0.042
19	21	9	76	0.005	0.005	1.324	1.332	0.002	0.002	0.423	0.037
20	21	9	76	99.000	99.000	1.321	1.331	0.002	0.002	0.467	0.035
21	21	9	76	99.000	99.000	1.336	1.344	0.001	0.001	0.463	0.037
22	21	9	76	99.000	99.000	1.332	1.344	0.001	0.001	0.498	0.035
23	21	9	76	99.000	99.000	1.335	1.345	0.002	0.001	0.513	0.035

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
	22	9	76	99.000	99.000	1.337	1.347	0.002	0.002	0.527	0.031
1	22	9	76	99.000	99.000	1.343	1.349	0.002	0.002	0.552	0.021
2	22	9	76	99.000	99.000	1.362	1.352	0.002	0.002	0.608	0.010
3	22	9	76	99.000	99.000	1.355	1.354	0.002	0.002	0.521	0.007
4	22	9	76	99.000	99.000	1.353	1.358	0.002	0.002	0.515	0.005
5	22	9	76	99.000	99.000	1.338	1.348	0.002	0.002	0.510	0.011
6	22	9	76	99.000	99.000	1.334	1.340	0.002	0.002	0.525	0.011
7	22	9	76	99.000	99.000	1.338	1.339	0.002	0.002	0.509	0.010
8	22	9	76	99.000	99.000	1.335	1.337	0.002	0.002	0.534	0.012
9	22	9	76	99.000	99.000	1.320	1.330	0.002	0.002	0.549	0.018
10	22	9	76	99.000	99.000	1.311	1.322	0.002	0.002	0.523	0.027
11	22	9	76	99.000	99.000	1.309	1.320	0.002	0.002	0.527	0.030
12	22	9	76	99.000	99.000	1.298	1.316	0.002	0.002	0.522	0.033
13	22	9	76	99.000	99.000	99.000	99.000	0.003	0.003	0.628	0.034
14	22	9	76	99.000	99.000	99.000	99.000	0.003	0.003	0.501	0.034
15	22	9	76	99.000	99.000	99.000	99.000	0.003	0.003	0.424	0.035
16	22	9	76	99.000	99.000	99.000	99.000	0.003	0.003	0.367	0.035
17	22	9	76	99.000	99.000	1.398	1.348	0.002	0.002	0.413	0.033
18	22	9	76	99.000	99.000	1.387	1.374	0.002	0.002	0.427	0.030
19	22	9	76	99.000	99.000	1.440	1.400	0.002	0.002	0.463	0.019
20	22	9	76	99.000	99.000	1.434	1.427	0.002	0.001	0.467	0.008
21	22	9	76	99.000	99.000	1.424	1.419	0.001	0.001	0.441	0.016
22	22	9	76	99.000	99.000	1.412	1.411	0.001	0.001	0.436	0.032
23	22	9	76	99.000	99.000	1.406	1.413	0.001	0.001	0.440	0.022

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                                  RIO BLANCO OIL SHALE PROJECT    SITE   THREE

                                           AIR   QUALITY   DATA
 HR DY MO YR         SO2      H2S        THC       CH4         NOX      NO          CO        O3
 ++ ++ ++ ++       +----------------------------------------------------------------------------+

  0 23  9 76       99.000   99.000     1.401     1.414       0.001    0.001       0.394     0.016

  1 23  9 76       99.000   99.000     1.436     1.418       0.002    0.001       0.389     0.011

  2 23  9 76       99.000   99.000     1.440     1.439       0.002    0.001       0.373     0.006

  3 23  9 76       99.000   99.000     1.420     1.429       0.001    0.001       0.378     0.006

  4 23  9 76       99.000   99.000     1.409     1.424       0.001    0.001       0.372     0.006

  5 23  9 76       99.000   99.000     1.410     1.421       0.001    0.001       0.387     0.005

  6 23  9 76       99.000   99.000     1.436     1.428       0.001    0.001       0.381     0.004

  7 23  9 76       99.000   99.000     1.423     1.426       0.002    0.002       0.386     0.005

  8 23  9 76       99.000   99.000     1.400     1.413       0.002    0.002       0.441     0.010

  9 23  9 76       99.000   99.000     1.400     1.390       0.002    0.002       0.395     0.018

 10 23  9 76       99.000   99.000     1.401     1.363       0.003    0.003       0.400     0.022

 11 23  9 76       99.000   99.000     1.383     1.350       0.003    0.003       0.292     0.028

 12 23  9 76       99.000   99.000     1.354     1.344       0.003    0.003       0.328     0.033

 13 23  9 76       99.000   99.000     1.376     1.360       0.002    0.003       0.302     0.037

 14 23  9 76       99.000   99.000     1.393     1.361       0.002    0.002       0.347     0.036

 15 23  9 76       99.000   99.000     1.403     1.358       0.002    0.002       0.341     0.037

 16 23  9 76       99.000   99.000     1.397     1.362       0.002    0.002       0.336     0.037

 17 23  9 76       99.000   99.000     1.441     1.377       0.002    0.002       0.351     0.035

 18 23  9 76       99.000   99.000     1.361     1.377       0.002    0.002       0.396     0.029

 19 23  9 76       99.000   99.000     1.402     1.395       0.002    0.002       0.421     0.019

 20 23  9 76       99.000   99.000     1.443     1.407       0.002    0.002       0.354     0.018

 21 23  9 76       99.000   99.000     1.449     1.411       0.002    0.002       0.339     0.014

 22 23  9 76       99.000   99.000     1.453     1.417       0.002    0.002       0.343     0.011

 23 23  9 76       99.000   99.000     1.438     1.401       0.002    0.002       0.338     0.011
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                           RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                      AIR   QUALITY  DATA
HR DY MO YR          SO2      H2S        THC      CH4       NOX     NO        CO       O3
++ ++ ++ ++       +----------------------------------------------------------------------

 0 24  9 76       99.000  99.000      1.428    1.396     0.002   0.002     0.312   0.012

 1 24  9 76       99.000  99.000      1.443    1.398     0.002   0.001     0.316   0.012

 2 24  9 76       99.000  99.000      1.457    1.412     0.002   0.001     0.341   0.010

 3 24  9 76       99.000  99.000      1.449    1.402     0.002   0.001     0.346   0.011

 4 24  9 76       99.000  99.000      1.447    1.402     0.002   0.001     0.371   0.020

 5 24  9 76       99.000  99.000      1.448    1.405     0.002   0.001     0.396   0.017

 6 24  9 76       99.000  99.000      1.436    1.401     0.002   0.002     0.380   0.013

 7 24  9 76       99.000  99.000      1.474    1.409     0.002   0.002     0.364   0.009

 8 24  9 76       99.000  99.000      1.433    1.398     0.002   0.002     0.359   0.014

 9 24  9 76       99.000  99.000      1.411    1.391     0.002   0.002     0.363   0.021

10 24  9 76       99.000  99.000      1.401    1.394     0.002   0.002     0.368   0.024

11 24  9 76       99.000  99.000      1.344    1.367     0.002   0.002     0.424   0.026

12 24  9 76       99.000  99.000     99.000   99.000     0.002   0.002     0.286   0.033

13 24  9 76       99.000  99.000      1.360    1.384     0.002   0.002     0.443   0.035

14 24  9 76       99.000  99.000      1.358    1.381     0.002   0.002     0.285   0.034

15 24  9 76       99.000  99.000      1.371    1.377     0.002   0.002     0.218   0.034

16 24  9 76       99.000  99.000      1.391    1.382     0.002   0.002     0.243   0.030

17 24  9 76       99.000  99.000      1.377    1.386     0.002   0.002     0.299   0.025

18 24  9 76       99.000  99.000      1.414    1.395     0.001   0.001     0.324   0.027

19 24  9 76       99.000  99.000      1.439    1.400     0.001   0.001     0.328   0.023

20 24  9 76       99.000  99.000      1.420    1.408     0.001   0.001     0.302   0.018

21 24  9 76       99.000  99.000      1.416    1.413     0.002   0.001     0.287   0.014

22 24  9 76       99.000  99.000      1.403    1.405     0.001   0.001     0.312   0.014

23 24  9 76       99.000  99.000      1.395    1.403     0.001   0.001     0.276   0.010
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	25	9	76	99.000	99.000	1.396	1.409	0.001	0.001	0.260	0.009
1	25	9	76	99.000	99.000	1.407	1.417	0.002	0.001	0.254	0.006
2	25	9	76	99.000	99.000	1.402	1.414	0.002	0.001	0.239	0.006
3	25	9	76	99.000	99.000	1.403	1.416	0.002	0.001	0.243	0.006
4	25	9	76	99.000	99.000	1.412	1.419	0.001	0.001	0.238	0.006
5	25	9	76	99.000	99.000	1.402	1.415	0.002	0.001	0.222	0.008
6	25	9	76	99.000	99.000	1.417	1.413	0.002	0.001	0.237	0.007
7	25	9	76	99.000	99.000	1.401	1.409	0.002	0.001	0.221	0.007
8	25	9	76	99.000	99.000	1.402	1.399	0.002	0.002	0.236	0.011
9	25	9	76	99.000	99.000	1.398	1.383	0.002	0.002	0.251	0.020
10	25	9	76	99.000	99.000	1.393	1.365	0.002	0.002	0.225	0.028
11	25	9	76	99.000	99.000	1.394	1.357	0.003	0.003	0.199	0.032
12	25	9	76	99.000	99.000	1.362	1.350	0.003	0.003	0.214	0.036
13	25	9	76	99.000	99.000	1.354	1.337	0.003	0.003	0.167	0.036
14	25	9	76	99.000	99.000	1.360	1.347	0.002	0.003	0.141	0.037
15	25	9	76	99.000	99.000	1.394	1.354	0.002	0.002	0.177	0.036
16	25	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.252	0.037
17	25	9	76	99.000	99.000	1.317	1.316	0.002	0.002	0.196	0.037
18	25	9	76	99.000	99.000	1.401	1.382	0.001	0.001	0.201	0.038
19	25	9	76	99.000	99.000	1.427	1.400	0.002	0.001	0.205	0.030
20	25	9	76	99.000	99.000	1.416	1.407	0.002	0.002	0.210	0.025
21	25	9	76	99.000	99.000	1.413	1.405	0.002	0.001	0.245	0.027
22	25	9	76	99.000	99.000	1.449	1.406	0.002	0.002	0.219	0.023
23	25	9	76	99.000	99.000	1.439	1.403	0.002	0.001	0.183	0.017

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	26	9	76	99.000	99.000	1.434	1.418	0.002	0.002	0.177	0.011
1	26	9	76	99.000	99.000	1.464	1.430	0.002	0.001	0.151	0.012
2	26	9	76	99.000	99.000	1.479	1.448	0.001	0.001	0.146	0.011
3	26	9	76	99.000	99.000	1.454	1.446	0.001	0.001	0.161	0.012
4	26	9	76	99.000	99.000	1.456	1.456	0.001	0.001	0.175	0.010
5	26	9	76	99.000	99.000	1.498	1.501	0.001	0.001	0.150	0.006
6	26	9	76	99.000	99.000	1.464	1.464	0.001	0.001	0.164	0.008
7	26	9	76	99.000	99.000	1.454	1.458	0.001	0.001	0.189	0.007
8	26	9	76	99.000	99.000	1.433	1.438	0.002	0.001	0.163	0.012
9	26	9	76	99.000	99.000	1.456	1.424	0.002	0.001	0.188	0.025
10	26	9	76	99.000	99.000	1.434	1.418	0.002	0.002	0.193	0.028
11	26	9	76	99.000	99.000	1.4[illegible]4	1.409	0.002	0.002	0.157	0.032
12	26	9	76	99.000	99.000	1.430	1.387	0.002	0.002	0.202	0.036
13	26	9	76	99.000	99.000	1.419	1.374	0.002	0.002	0.115	0.039
14	26	9	76	99.000	99.000	1.387	1.368	0.002	0.002	0.079	0.041
15	26	9	76	99.000	99.000	1.392	1.367	0.002	0.002	0.094	0.041
16	26	9	76	99.000	99.000	1.4[illegible]6	1.373	0.002	0.002	0.099	0.041
17	26	9	76	99.000	99.000	99.000	99.000	0.002	0.002	0.083	0.041
18	26	9	76	99.000	99.000	1.368	1.365	0.002	0.001	0.057	0.040
19	26	9	76	99.000	99.000	1.477	1.454	0.001	0.001	0.072	0.021
20	26	9	76	99.000	99.000	1.494	1.492	0.001	0.001	0.107	0.021
21	26	9	76	99.000	99.000	1.461	1.471	0.001	0.001	0.122	0.019
22	26	9	76	99.000	99.000	1.466	1.472	0.001	0.0	0.157	0.027
23	26	9	76	99.000	99.000	1.485	1.489	0.001	0.0	0.131	0.021

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                                RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                        AIR  QUALITY  DATA
 HR DY MO YR        SO2      H2S        THC      CH4        NOX      NO         CO        O3
 ++ ++ ++ ++    +------------------------------------------------------------------------------+

  0 27  9 76    99.000  99.000      1.475    1.472      0.001    0.0        0.125    0.017

  1 27  9 76    99.000  99.000      1.471    1.474      0.001    0.001      0.120    0.016

  2 27  9 76    99.000  99.000      1.460    1.470      0.001    0.001      0.094    0.017

  3 27  9 76    99.000  99.000      1.469    1.470      0.001    0.001      0.099    0.018

  4 27  9 76    99.000  99.000      1.489    1.468      0.001    0.001      0.113    0.024

  5 27  9 76    99.000  99.000      1.475    1.462      0.001    0.001      0.148    0.029

  6 27  9 76    99.000  99.000      1.475    1.464      0.001    0.001      0.112    0.027

  7 27  9 76    99.000  99.000      1.471    1.463      0.002    0.001      0.117    0.022

  8 27  9 76    99.000  99.000      1.471    1.462      0.002    0.001      0.101    0.025

  9 27  9 76    99.000  99.000      1.453    1.453      0.002    0.002      0.096    0.029

 10 27  9 76    99.000  99.000      1.449    1.453      0.002    0.001      0.121    0.031

 11 27  9 76    99.000  99.000      1.456    1.438      0.002    0.002      0.135    0.035

 12 27  9 76    99.000  99.000      1.420    1.422      0.002    0.002      0.099    0.038

 13 27  9 76    99.000  99.000      1.455    1.411      0.002    0.002      0.084    0.041

 14 27  9 76    99.000  99.000      1.464    1.404      0.002    0.002      0.027    0.042

 15 27  9 76    99.000  99.000      1.450    1.400      0.002    0.002      0.0      0.043

 16 27  9 76    99.000  99.000     99.000   99.000      0.002    0.002      0.0      0.043

 17 27  9 76    99.000  99.000     99.000   99.000      0.001    0.002      0.0      0.044

 18 27  9 76    99.000  99.000      1.413    1.405      0.001    0.001      0.0      0.038

 19 27  9 76    99.000  99.000      1.422    1.440      0.001    0.001      0.111    0.024

 20 27  9 76    99.000  99.000      1.438    1.458      0.001    0.0        0.136    0.024

 21 27  9 76    99.000  99.000      1.434    1.462      0.0      0.0        0.100    0.024

 22 27  9 76    99.000  99.000      1.445    1.464      0.0      0.0        0.095    0.024

 23 27  9 76    99.000  99.000      1.459    1.484      0.0      0.0        0.109    0.024
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	9	76	99.000	99.000	1.468	1.491	0.0	0.0	0.114	0.023
1	28	9	76	99.000	99.000	1.455	1.485	0.0	0.0	0.139	0.024
2	28	9	76	99.000	99.000	1.455	1.487	0.0	0.0	0.123	0.025
3	28	9	76	99.000	99.000	1.434	1.464	0.0	0.0	0.118	0.019
4	28	9	76	99.000	99.000	1.442	1.473	0.0	0.0	0.092	0.015
5	28	9	76	99.000	99.000	1.435	1.468	0.0	0.0	0.127	0.013
6	28	9	76	99.000	99.000	1.431	1.455	0.0	0.0	0.071	0.013
7	28	9	76	99.000	99.000	1.427	1.457	0.0	0.0	0.085	0.013
8	28	9	76	99.000	99.000	1.424	1.452	0.0	0.0	0.110	0.023
9	28	9	76	99.000	99.000	1.444	1.447	0.001	0.001	0.278	0.029
10	28	9	76	99.000	99.000	1.441	1.424	0.002	0.002	0.069	99.000
11	28	9	76	99.000	99.000	1.426	1.433	0.004	0.004	0.002	99.000
12	28	9	76	99.000	99.000	1.416	1.449	0.036	0.034	0.068	99.000
13	28	9	76	99.000	99.000	1.443	1.440	0.007	0.007	0.0	0.041
14	28	9	76	99.000	99.000	1.451	1.422	0.003	0.003	0.0	0.041
15	28	9	76	99.000	99.000	1.438	1.414	0.002	0.002	99.000	0.041
16	28	9	76	99.000	99.000	1.437	1.417	0.002	0.003	99.000	0.040
17	28	9	76	99.000	99.000	1.450	1.426	0.002	0.003	99.000	0.039
18	28	9	76	99.000	99.000	99.000	99.000	0.003	0.003	99.000	0.033
19	28	9	76	99.000	99.000	99.000	99.000	0.002	0.002	99.000	0.026
20	28	9	76	99.000	99.000	1.444	1.484	0.001	0.001	0.317	0.025
21	28	9	76	99.000	99.000	1.459	1.510	0.0	0.0	0.186	0.025
22	28	9	76	99.000	99.000	1.465	1.515	0.0	0.0	0.185	0.024
23	28	9	76	99.000	99.000	1.468	1.514	0.0	0.0	0.175	0.024

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	9	76	99.000	99.000	1.466	1.515	0.0	0.0	0.162	0.019
1	29	9	76	99.000	99.000	1.470	1.522	0.0	0.0	0.149	0.016
2	29	9	76	99.000	99.000	1.473	1.521	0.0	0.0	0.165	0.017
3	29	9	76	99.000	99.000	1.477	1.525	0.0	0.0	0.126	0.014
4	29	9	76	99.000	99.000	1.492	1.537	0.0	0.0	0.116	0.012
5	29	9	76	99.000	99.000	1.480	1.530	0.0	0.0	0.106	0.012
6	29	9	76	99.000	99.000	1.467	1.517	0.0	0.0	0.105	0.012
7	29	9	76	99.000	99.000	1.463	1.515	0.0	0.001	0.117	0.012
8	29	9	76	99.000	99.000	1.466	1.505	0.001	0.001	0.156	0.024
9	29	9	76	99.000	99.000	1.444	1.488	0.001	0.001	0.134	0.030
10	29	9	76	99.000	99.000	1.460	1.467	0.002	0.002	0.246	0.035
11	29	9	76	99.000	99.000	1.431	1.452	0.002	0.002	0.202	0.040
12	29	9	76	99.000	99.000	1.385	1.452	0.002	0.003	0.303	0.043
13	29	9	76	99.000	99.000	1.470	1.481	0.002	0.002	0.336	0.044
14	29	9	76	99.000	99.000	1.431	1.424	0.003	0.003	0.078	0.043
15	29	9	76	99.000	99.000	1.414	1.419	99.000	99.000	0.225	0.043
16	29	9	76	99.000	99.000	1.419	1.424	99.000	99.000	0.347	0.043
17	29	9	76	99.000	99.000	1.420	1.423	99.000	99.000	0.383	0.042
18	29	9	76	99.000	99.000	1.413	1.428	99.000	99.000	0.397	0.034
19	29	9	76	99.000	99.000	1.459	1.475	99.000	99.000	0.462	0.025
20	29	9	76	99.000	99.000	1.462	1.506	99.000	99.000	0.829	0.028
21	29	9	76	99.000	99.000	1.493	1.535	99.000	99.000	1.075	0.028
22	29	9	76	99.000	99.000	1.502	1.544	99.000	99.000	1.090	0.028
23	29	9	76	99.000	99.000	1.498	1.544	99.000	99.000	1.085	0.027

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	30	9	76	99.000	99.000	1.482	1.536	99.000	99.000	1.059	0.027
1	30	9	76	99.000	99.000	1.484	1.539	99.000	99.000	1.054	0.025
2	30	9	76	99.000	99.000	1.499	1.554	99.000	99.000	1.072	0.016
3	30	9	76	99.000	99.000	1.549	1.610	99.000	99.000	1.075	0.014
4	30	9	76	99.000	99.000	1.501	1.559	99.000	99.000	1.056	0.016
5	30	9	76	99.000	99.000	1.483	1.541	99.000	99.000	1.074	0.016
6	30	9	76	99.000	99.000	1.478	1.537	99.000	99.000	1.083	0.017
7	30	9	76	99.000	99.000	1.477	1.535	99.000	99.000	1.068	0.017
8	30	9	76	99.000	99.000	1.474	1.529	99.000	99.000	1.080	0.026
9	30	9	76	99.000	99.000	99.000	99.000	99.000	99.000	1.126	0.032
10	30	9	76	99.000	99.000	99.000	99.000	99.000	99.000	0.983	0.036
11	30	9	76	99.000	99.000	99.000	99.000	99.000	99.000	1.036	0.042
12	30	9	76	99.000	99.000	99.000	99.000	99.000	99.000	1.064	0.043
13	30	9	76	99.000	99.000	99.000	99.000	99.000	99.000	1.046	0.044
14	30	9	76	99.000	99.000	99.000	99.000	0.016	0.018	1.061	0.044
15	30	9	76	99.000	99.000	1.339	1.323	0.014	0.015	0.922	0.044
16	30	9	76	99.000	99.000	1.452	1.440	0.012	0.013	0.865	0.045
17	30	9	76	99.000	99.000	1.471	1.457	0.010	0.011	0.845	0.045
18	30	9	76	99.000	99.000	1.485	1.471	0.009	0.010	0.910	0.039
19	30	9	76	99.000	99.000	1.512	1.508	0.007	0.007	0.971	0.028
20	30	9	76	99.000	99.000	1.529	1.524	0.005	0.004	0.987	0.022
21	30	9	76	99.000	99.000	1.570	1.561	0.004	0.003	0.997	0.018
22	30	9	76	99.000	99.000	1.562	1.555	0.003	0.002	1.009	0.022
23	30	9	76	99.000	99.000	1.555	1.548	0.002	0.001	1.023	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	1	10	76	99.000	99.000	1.549	1.542	0.002	0.001	1.018	0.026
1	1	10	76	99.000	99.000	1.539	1.538	0.002	0.001	0.995	0.023
2	1	10	76	99.000	99.000	1.530	1.526	0.001	0.001	0.976	0.019
3	1	10	76	99.000	99.000	1.538	1.530	0.002	0.002	0.943	0.015
4	1	10	76	99.000	99.000	1.560	1.556	0.003	0.002	0.969	0.015
5	1	10	76	99.000	99.000	1.579	1.567	0.003	0.002	0.969	0.015
6	1	10	76	99.000	99.000	1.563	1.549	0.005	0.004	0.948	0.016
7	1	10	76	99.000	99.000	1.549	1.538	0.004	0.004	0.957	0.018
8	1	10	76	99.000	99.000	1.539	1.520	0.006	0.006	0.966	0.025
9	1	10	76	99.000	99.000	1.514	1.494	0.009	0.009	0.956	0.030
10	1	10	76	99.000	99.000	1.489	1.469	0.010	0.011	0.885	0.034
11	1	10	76	99.000	99.000	1.476	1.455	0.011	0.013	0.861	0.040
12	1	10	76	99.000	99.000	1.481	1.451	0.012	0.013	0.873	0.041
13	1	10	76	99.000	99.000	1.461	1.437	0.010	0.012	0.834	0.043
14	1	10	76	99.000	99.000	1.462	1.441	0.011	0.012	0.809	0.044
15	1	10	76	99.000	99.000	1.475	1.452	0.010	0.011	0.798	0.044
16	1	10	76	99.000	99.000	1.478	1.453	0.009	0.010	0.832	0.043
17	1	10	76	99.000	99.000	1.470	1.451	0.009	0.009	0.794	0.041
18	1	10	76	99.000	99.000	99.000	99.000	0.009	0.010	0.947	0.031
19	1	10	76	99.000	99.000	99.000	99.000	0.008	0.008	0.984	0.024
20	1	10	76	99.000	99.000	1.527	1.517	0.006	0.006	0.995	0.019
21	1	10	76	99.000	99.000	1.577	1.541	0.006	0.005	1.014	0.018
22	1	10	76	99.000	99.000	1.564	1.537	0.006	0.005	0.993	0.016
23	1	10	76	99.000	99.000	1.557	1.545	0.005	0.005	0.982	0.015

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	10	76	99.000	99.000	1.556	1.535	0.005	0.004	1.066	0.021
1	2	10	76	99.000	99.000	1.562	1.535	0.004	0.003	0.997	0.016
2	2	10	76	99.000	99.000	1.580	1.555	0.003	0.003	0.988	0.015
3	2	10	76	99.000	99.000	1.579	1.553	0.004	0.003	1.008	0.021
4	2	10	76	99.000	99.000	1.560	1.533	0.004	0.003	0.978	0.022
5	2	10	76	99.000	99.000	1.564	1.534	0.004	0.003	1.004	0.022
6	2	10	76	99.000	99.000	1.559	1.531	0.004	0.003	1.006	0.021
7	2	10	76	99.000	99.000	1.570	1.536	0.005	0.004	0.993	0.019
8	2	10	76	99.000	99.000	1.584	1.554	0.006	0.005	0.990	0.017
9	2	10	76	99.000	99.000	1.558	1.529	0.007	0.007	1.040	0.026
10	2	10	76	99.000	99.000	1.526	1.499	99.000	99.000	1.081	0.033
11	2	10	76	99.000	99.000	1.499	1.472	99.000	99.000	0.903	0.034
12	2	10	76	99.000	99.000	99.000	99.000	99.000	99.000	0.920	0.034
13	2	10	76	99.000	99.000	99.000	99.000	99.000	99.000	0.887	0.033
14	2	10	76	99.000	99.000	99.000	99.000	99.000	99.000	0.915	0.030
15	2	10	76	99.000	99.000	99.000	99.000	99.000	99.000	0.928	0.032
16	2	10	76	99.000	99.000	99.000	99.000	99.000	99.000	0.920	0.031
17	2	10	76	99.000	99.000	1.457	1.422	99.000	99.000	0.965	0.030
18	2	10	76	0.001	0.002	1.479	1.441	99.000	99.000	1.004	0.023
19	2	10	76	0.001	0.001	1.484	1.445	99.000	99.000	1.007	0.029
20	2	10	76	0.0	0.001	1.489	1.447	99.000	99.000	1.001	0.027
21	2	10	76	0.0	0.001	1.502	1.458	0.008	0.008	1.008	0.022
22	2	10	76	0.0	0.001	1.507	1.462	0.006	0.006	0.992	0.012
23	2	10	76	0.0	0.001	1.514	1.467	0.005	0.005	0.945	0.008

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	10	76	0.0	0.001	1.514	1.467	0.006	0.006	0.977	0.012
1	3	10	76	0.0	0.001	1.510	1.462	0.006	0.006	1.009	0.014
2	3	10	76	0.0	0.001	1.517	1.467	0.006	0.006	1.012	0.016
3	3	10	76	0.0	0.001	1.513	1.463	0.005	0.005	1.021	0.029
4	3	10	76	0.0	0.001	1.508	1.458	0.005	0.005	1.031	0.032
5	3	10	76	0.0	0.001	1.509	1.457	0.006	0.006	1.050	0.019
6	3	10	76	0.0	0.001	1.522	1.466	0.007	0.006	1.013	0.018
7	3	10	76	0.0	0.001	1.521	1.465	0.007	0.007	1.026	0.015
8	3	10	76	0.001	0.001	1.575	1.469	0.008	0.008	0.981	0.016
9	3	10	76	0.0	0.001	1.516	1.456	0.009	0.009	0.944	0.031
10	3	10	76	0.0	0.001	99.000	99.000	0.010	0.010	0.871	0.033
11	3	10	76	0.0	0.001	99.000	99.000	0.012	0.013	0.744	0.034
12	3	10	76	0.0	0.001	99.000	99.000	0.013	0.014	0.749	0.034
13	3	10	76	0.0	0.001	99.000	99.000	0.013	0.014	0.668	0.034
14	3	10	76	0.0	0.001	1.416	1.385	0.012	0.014	0.674	0.034
15	3	10	76	0.0	0.001	1.422	1.391	0.012	0.013	0.611	0.035
16	3	10	76	0.0	0.001	1.429	1.396	0.012	0.013	0.631	0.035
17	3	10	76	0.0	0.001	1.445	1.412	0.011	0.012	0.671	0.035
18	3	10	76	0.0	0.001	1.482	1.441	0.009	0.009	0.722	0.032
19	3	10	76	0.0	0.001	1.489	1.447	0.006	0.006	0.834	0.028
20	3	10	76	0.0	0.001	1.503	1.471	0.006	0.006	0.890	0.016
21	3	10	76	0.0	0.001	1.504	1.471	0.006	0.006	0.913	0.012
22	3	10	76	0.0	0.001	1.493	1.463	0.004	0.004	0.931	0.025
23	3	10	76	0.0	0.001	1.518	1.473	0.003	0.003	0.889	0.014

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	4	10	76	0.0	0.001	1.494	1.466	0.002	0.002	0.868	0.010
1	4	10	76	0.0	0.001	1.507	1.481	0.001	0.001	0.822	0.014
2	4	10	76	0.0	0.001	1.521	1.493	0.001	0.001	0.820	0.014
3	4	10	76	0.0	0.001	1.514	1.485	0.001	0.001	0.810	0.015
4	4	10	76	0.0	0.001	1.512	1.488	0.001	0.001	0.859	0.014
5	4	10	76	0.0	0.001	1.515	1.488	0.0	0.001	0.845	0.014
6	4	10	76	0.0	0.001	1.520	1.493	0.001	0.001	0.825	0.014
7	4	10	76	0.0	0.001	1.510	1.481	0.002	0.001	0.815	0.016
8	4	10	76	0.0	0.001	1.495	1.470	0.002	0.001	0.799	0.023
9	4	10	76	0.0	0.001	1.490	1.459	0.003	0.002	0.754	0.025
10	4	10	76	0.0	0.001	1.485	1.447	0.004	0.004	0.612	0.034
11	4	10	76	0.0	0.001	1.463	1.429	0.006	0.005	0.587	0.036
12	4	10	76	0.0	0.001	1.458	1.427	0.006	0.006	0.552	0.038
13	4	10	76	0.0	0.001	1.457	1.424	0.006	0.006	0.528	0.038
14	4	10	76	0.0	0.001	1.446	1.414	0.006	0.007	0.472	0.039
15	4	10	76	99.000	99.000	99.000	99.000	0.008	0.008	0.612	0.039
16	4	10	76	99.000	99.000	99.000	99.000	0.007	0.007	0.492	0.043
17	4	10	76	0.003	0.003	1.458	1.424	0.006	0.006	0.462	0.043
18	4	10	76	0.002	0.003	1.479	1.450	0.005	0.004	0.532	0.036
19	4	10	76	0.002	0.003	1.502	1.476	0.002	0.001	0.708	0.028
20	4	10	76	0.002	0.003	1.511	1.487	0.001	0.002	0.727	0.028
21	4	10	76	0.002	0.003	1.527	1.503	0.001	0.002	0.778	0.025
22	4	10	76	0.002	0.003	1.534	1.507	0.001	0.002	0.763	0.021
23	4	10	76	0.002	0.003	1.527	1.504	0.001	0.002	0.777	0.021

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	5	10	76	0.002	0.003	1.532	1.509	0.001	0.002	0.750	0.020
1	5	10	76	0.002	0.003	1.540	1.512	0.001	0.001	0.736	0.019
2	5	10	76	0.002	0.003	1.539	1.516	0.001	0.001	0.734	0.019
3	5	10	76	0.002	0.003	1.545	1.522	0.001	0.001	0.770	0.020
4	5	10	76	0.005	0.006	1.551	1.526	0.006	0.008	0.684	0.018
5	5	10	76	0.003	0.004	1.553	1.524	0.003	0.002	0.396	0.017
6	5	10	76	0.002	0.003	1.551	1.524	0.002	0.001	0.353	0.017
7	5	10	76	0.002	0.003	1.550	1.521	0.002	0.001	0.310	0.018
8	5	10	76	0.002	0.003	1.535	1.509	0.002	0.002	0.273	0.024
9	5	10	76	0.002	0.003	1.518	1.487	0.005	0.004	0.143	0.034
10	5	10	76	0.002	0.003	1.499	1.465	0.006	0.006	0.079	0.037
11	5	10	76	0.002	0.003	1.479	1.450	0.006	0.006	0.029	0.039
12	5	10	76	0.002	0.003	1.469	1.444	0.007	0.007	0.0	0.040
13	5	10	76	0.002	0.003	1.464	1.438	0.006	0.006	0.0	0.043
14	5	10	76	0.002	0.003	1.487	1.459	0.006	0.006	0.0	0.043
15	5	10	76	0.002	0.003	1.493	1.439	0.006	0.006	0.013	0.043
16	5	10	76	0.002	0.003	99.000	99.000	0.006	0.006	0.057	0.042
17	5	10	76	0.002	0.003	99.000	99.000	0.004	0.004	0.112	0.041
18	5	10	76	0.002	0.003	1.494	1.472	0.004	0.003	0.138	0.033
19	5	10	76	0.002	0.003	1.516	1.492	0.003	0.002	0.234	0.024
20	5	10	76	0.002	0.003	1.541	1.514	0.002	0.001	0.246	0.023
21	5	10	76	0.002	0.003	1.544	1.517	0.001	0.001	0.296	0.024
22	5	10	76	0.002	0.003	1.544	1.519	0.002	0.001	0.273	0.022
23	5	10	76	0.002	0.003	1.551	1.528	0.002	0.001	0.280	0.019

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	10	76	0.002	0.003	1.554	1.531	0.002	0.001	0.265	0.019
1	6	10	76	0.002	0.003	1.567	1.534	0.002	0.001	0.265	0.022
2	6	10	76	0.002	0.003	1.575	1.535	0.002	0.001	0.270	0.022
3	6	10	76	0.002	0.003	1.566	1.535	0.002	0.001	0.270	0.019
4	6	10	76	0.002	0.003	1.555	1.529	0.001	0.001	0.259	0.019
5	6	10	76	0.002	0.003	1.545	1.518	0.001	0.001	0.254	0.026
6	6	10	76	0.002	0.003	1.553	1.524	0.001	0.001	0.230	0.025
7	6	10	76	0.002	0.003	1.558	1.544	0.002	0.001	0.259	0.022
8	6	10	76	0.002	0.003	1.533	1.510	0.003	0.002	0.214	0.025
9	6	10	76	0.002	0.003	1.511	1.493	0.005	0.005	0.081	0.034
10	6	10	76	0.002	0.003	1.493	1.479	0.006	0.006	0.004	0.035
11	6	10	76	99.000	99.000	99.000	99.000	0.005	0.005	0.137	0.033
12	6	10	76	99.000	99.000	99.000	99.000	0.005	0.004	0.125	0.032
13	6	10	76	99.000	99.000	99.000	99.000	0.004	0.004	0.098	0.031
14	6	10	76	99.000	99.000	99.000	99.000	0.003	0.003	0.075	0.031
15	6	10	76	99.000	99.000	99.000	99.000	0.002	0.001	0.104	0.031
16	6	10	76	99.000	99.000	99.000	99.000	0.007	0.001	0.045	0.032
17	6	10	76	99.000	99.000	99.000	99.000	0.002	0.001	0.026	0.032
18	6	10	76	99.000	99.000	99.000	99.000	0.001	0.001	0.046	0.032
19	6	10	76	99.000	99.000	99.000	99.000	0.001	0.002	0.153	0.026
20	6	10	76	99.000	99.000	99.000	99.000	0.001	0.002	0.187	0.026
21	6	10	76	99.000	99.000	99.000	99.000	0.001	0.002	0.151	0.023
22	6	10	76	99.000	99.000	99.000	99.000	0.002	0.003	0.143	0.026
23	6	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.145	0.022

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	7	10	76	99.000	99.000	99.000	99.000	0.002	0.003	0.182	0.025
1	7	10	76	99.000	99.000	99.000	99.000	0.001	0.002	0.190	0.022
2	7	10	76	99.000	99.000	99.000	99.000	0.001	0.002	0.186	0.021
3	7	10	76	99.000	99.000	99.000	99.000	0.001	0.002	0.191	0.023
4	7	10	76	99.000	99.000	99.000	99.000	0.001	0.003	0.177	0.025
5	7	10	76	99.000	99.000	99.000	99.000	0.002	0.003	0.175	0.021
6	7	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.158	0.014
7	7	10	76	99.000	99.000	99.000	99.000	0.001	0.003	0.151	0.013
8	7	10	76	99.000	99.000	99.000	99.000	0.001	0.002	0.177	0.019
9	7	10	76	99.000	99.000	99.000	99.000	0.001	0.001	0.193	0.024
10	7	10	76	99.000	99.000	99.000	99.000	0.001	0.001	0.0	0.027
11	7	10	76	99.000	99.000	99.000	99.000	0.001	0.001	0.0	0.033
12	7	10	76	99.000	99.000	99.000	99.000	0.001	0.001	0.0	0.038
13	7	10	76	99.000	99.000	99.000	99.000	0.001	0.001	0.0	0.039
14	7	10	76	99.000	99.000	99.000	99.000	0.002	0.002	0.0	0.039
15	7	10	76	99.000	99.000	99.000	99.000	0.002	0.001	0.0	0.040
16	7	10	76	99.000	99.000	99.000	99.000	0.002	0.001	0.0	0.042
17	7	10	76	99.000	99.000	99.000	99.000	0.002	0.001	0.0	0.041
18	7	10	76	99.000	99.000	99.000	99.000	0.001	0.001	0.0	0.028
19	7	10	76	99.000	99.000	99.000	99.000	0.002	0.003	0.014	0.025
20	7	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.077	0.023
21	7	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.083	0.024
22	7	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.151	0.024
23	7	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.131	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	1	76	99.000	99.000	99.000	99.000	0.002	0.004	0.164	0.023
1	8	1	76	99.000	99.000	99.000	99.000	0.002	0.004	0.181	0.018
2	8	1	76	99.000	99.000	99.000	99.000	0.002	0.004	0.121	0.017
3	8	1	76	99.000	99.000	99.000	99.000	0.002	0.004	0.145	0.016
4	8	1	76	99.000	99.000	99.000	99.000	0.002	0.004	0.170	0.016
5	8	1	76	99.000	99.000	99.000	99.000	0.002	0.004	0.162	0.018
6	8	1	76	99.000	99.000	99.000	99.000	0.002	0.004	0.147	0.017
7	8	1	76	99.000	99.000	99.000	99.000	0.002	0.003	0.151	0.015
8	8	1	76	99.000	99.000	99.000	99.000	0.001	0.002	0.212	0.024
9	8	1	76	99.000	99.000	99.000	99.000	0.001	0.001	0.095	0.029
10	8	1	76	99.000	99.000	99.000	99.000	0.001	0.001	0.059	0.034
11	8	1	76	99.000	99.000	99.000	99.000	0.002	0.002	0.0	0.038
12	8	1	76	99.000	99.000	99.000	99.000	0.004	0.004	0.0	0.038
13	8	1	76	99.000	99.000	99.000	99.000	0.004	0.005	0.0	0.037
14	8	1	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.036
15	8	1	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.035
16	8	1	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.034
17	8	1	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.035
18	8	1	76	99.000	99.000	99.000	99.000	0.004	0.004	0.0	0.027
19	8	1	76	99.000	99.000	99.000	99.000	0.001	0.002	0.064	0.021
20	8	1	76	99.000	99.000	99.000	99.000	0.001	0.003	0.119	0.022
21	8	1	76	99.000	99.000	99.000	99.000	0.002	0.004	0.088	0.022
22	8	1	76	99.000	99.000	99.000	99.000	0.002	0.003	0.120	0.022
23	8	1	76	99.000	99.000	99.000	99.000	0.002	0.003	0.129	0.021

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.134	0.019
1	9	10	76	99.000	99.000	99.000	99.000	0.003	0.005	0.141	0.018
2	9	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.144	0.016
3	9	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.169	0.019
4	9	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.144	0.017
5	9	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.071	0.016
6	9	10	76	99.000	99.000	99.000	99.000	0.002	0.004	0.148	0.016
7	9	10	76	99.000	99.000	99.000	99.000	0.001	0.003	0.178	0.018
8	9	10	76	99.000	99.000	99.000	99.000	0.001	0.002	0.229	0.023
9	9	10	76	99.000	99.000	99.000	99.000	0.002	0.001	0.040	0.027
10	9	10	76	99.000	99.000	99.000	99.000	0.003	0.003	0.0	0.031
11	9	10	76	99.000	99.000	99.000	99.000	0.004	0.004	0.0	0.033
12	9	10	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.037
13	9	10	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.039
14	9	10	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.040
15	9	10	76	99.000	99.000	99.000	99.000	0.006	0.005	0.0	0.041
16	9	10	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.041
17	9	10	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.040
18	9	10	76	0.002	0.003	1.476	1.451	0.005	0.005	0.0	0.027
19	9	10	76	0.002	0.003	1.572	1.552	0.002	0.002	0.039	0.023
20	9	10	76	0.002	0.003	1.595	1.575	0.001	0.002	0.169	0.025
21	9	10	76	0.002	0.003	1.603	1.576	0.001	0.002	0.187	0.027
22	9	10	76	0.002	0.003	1.601	1.574	0.001	0.002	0.174	0.026
23	9	10	76	0.002	0.003	1.584	1.561	0.001	0.002	0.185	0.020

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	10	10	76	0.002	0.003	1.611	1.576	0.002	0.004	0.188	0.018
1	10	10	76	0.002	0.003	1.585	1.565	0.002	0.004	0.199	0.018
2	10	10	76	0.002	0.003	1.601	1.570	0.002	0.003	0.186	0.019
3	10	10	76	0.002	0.003	1.566	1.542	0.001	0.003	0.172	0.023
4	10	10	76	0.002	0.003	1.561	1.528	0.002	0.003	0.157	0.020
5	10	10	76	0.002	0.003	1.534	1.505	0.002	0.004	0.168	0.020
6	10	10	76	0.002	0.003	1.526	1.501	0.002	0.004	0.139	0.021
7	10	10	76	0.002	0.003	1.533	1.512	0.002	0.003	0.122	0.021
8	10	10	76	0.002	0.003	1.515	1.484	0.001	0.003	0.136	0.026
9	10	10	76	0.002	0.003	1.490	1.457	0.001	0.002	0.036	0.030
10	10	10	76	0.002	0.003	1.467	1.434	0.003	0.003	0.0	0.033
11	10	10	76	0.002	0.003	1.434	1.405	0.004	0.004	0.0	0.039
12	10	10	76	0.002	0.003	1.420	1.393	0.005	0.004	0.0	0.039
13	10	10	76	0.002	0.003	1.410	1.383	0.005	0.005	0.0	0.039
14	10	10	76	0.002	0.003	1.400	1.375	0.005	0.005	0.0	0.039
15	10	10	76	0.002	0.003	1.400	1.375	0.004	0.004	0.0	0.041
16	10	10	76	0.002	0.003	1.427	1.399	0.004	0.003	0.0	0.044
17	10	10	76	0.002	0.003	1.441	1.418	0.003	0.002	0.0	0.043
18	10	10	76	0.002	0.003	1.455	1.440	0.002	0.002	0.0	0.040
19	10	10	76	0.002	0.003	1.491	1.478	0.001	0.002	0.103	0.036
20	10	10	76	0.002	0.003	1.542	1.531	0.002	0.004	0.147	0.036
21	10	10	76	0.002	0.003	1.519	1.500	0.003	0.005	0.150	0.038
22	10	10	76	0.002	0.003	1.515	1.496	0.003	0.005	0.164	0.034
23	10	10	76	0.002	0.003	1.519	1.500	0.003	0.005	0.158	0.032

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	10	76	0.002	0.003	1.525	1.505	0.003	0.005	0.150	0.030
1	11	10	76	0.002	0.003	1.520	1.500	0.002	0.004	0.159	0.028
2	11	10	76	0.002	0.003	1.526	1.507	0.002	0.003	0.165	0.028
3	11	10	76	0.002	0.003	1.523	1.504	0.002	0.003	0.159	0.023
4	11	10	76	0.002	0.003	1.534	1.512	0.002	0.004	0.168	0.024
5	11	10	76	0.002	0.003	1.532	1.512	0.002	0.004	0.179	0.025
6	11	10	76	0.002	0.003	1.532	1.509	0.002	0.003	0.164	0.026
7	11	10	76	0.002	0.003	1.531	1.506	0.001	0.003	0.118	0.025
8	11	10	76	0.003	0.005	1.552	1.525	0.024	0.028	0.309	0.026
9	11	10	76	0.002	0.003	1.548	1.517	0.019	0.008	0.330	0.025
10	11	10	76	0.002	0.003	1.524	1.493	0.005	0.004	0.239	0.033
11	11	10	76	0.002	0.003	1.476	1.453	0.005	0.005	0.094	0.040
12	11	10	76	0.002	0.003	1.450	1.435	0.006	0.005	0.059	0.042
13	11	10	76	0.002	0.003	1.415	1.368	0.006	0.006	0.051	0.042
14	11	10	76	99.000	99.000	99.000	99.000	0.005	0.006	0.020	0.043
15	11	10	76	99.000	99.000	1.405	1.394	0.006	0.006	0.0	0.043
16	11	10	76	99.000	99.000	1.429	1.417	0.005	0.005	0.0	0.043
17	11	10	76	0.002	0.003	1.437	1.425	0.005	0.005	0.0	0.044
18	11	10	76	0.001	0.002	1.449	1.440	0.004	0.003	0.004	0.035
19	11	10	76	0.001	0.002	1.487	1.473	0.001	0.002	0.199	0.030
20	11	10	76	0.001	0.002	1.510	1.491	0.001	0.003	0.197	0.032
21	11	10	76	0.001	0.002	1.514	1.496	0.002	0.003	0.198	0.027
22	11	10	76	0.001	0.002	1.516	1.498	0.001	0.002	0.199	0.026
23	11	10	76	0.001	0.002	1.509	1.496	0.001	0.002	0.224	0.026

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	12	10	76	0.001	0.002	1.509	1.496	0.001	0.002	0.235	0.025
1	12	10	76	0.001	0.002	1.508	1.494	0.001	0.001	0.243	0.025
2	12	10	76	0.001	0.002	1.510	1.496	0.001	0.001	0.249	0.025
3	12	10	76	0.001	0.002	1.519	1.501	0.001	0.002	0.235	0.021
4	12	10	76	0.001	0.002	1.524	1.508	0.001	0.001	0.241	0.022
5	12	10	76	0.001	0.002	1.528	1.512	0.001	0.002	0.246	0.023
6	12	10	76	0.001	0.002	1.534	1.512	0.001	0.001	0.250	0.022
7	12	10	76	0.001	0.002	1.535	1.519	0.001	0.001	0.248	0.021
8	12	10	76	0.001	0.002	1.537	1.518	0.002	0.001	0.222	0.026
9	12	10	76	0.001	0.002	1.541	1.511	0.005	0.004	0.214	0.032
10	12	10	76	0.001	0.002	1.521	1.495	0.007	0.006	0.133	0.034
11	12	10	76	0.001	0.002	1.505	1.483	0.008	0.008	0.116	0.037
12	12	10	76	99.000	99.000	99.000	99.000	0.008	0.008	0.140	0.039
13	12	10	76	99.000	99.000	99.000	99.000	0.008	0.008	0.058	0.042
14	12	10	76	0.002	0.003	1.446	1.434	0.008	0.008	0.062	0.042
15	12	10	76	0.002	0.003	1.447	1.438	0.007	0.007	0.0	0.043
16	12	10	76	0.002	0.003	1.454	1.443	0.007	0.007	0.0	0.044
17	12	10	76	0.002	0.003	1.463	1.454	0.006	0.006	0.0	0.043
18	12	10	76	0.002	0.003	1.480	1.475	0.004	0.003	0.004	0.035
19	12	10	76	0.002	0.003	1.501	1.496	0.002	0.002	0.134	0.028
20	12	10	76	0.002	0.003	1.520	1.513	0.002	0.004	0.215	0.029
21	12	10	76	0.002	0.003	1.529	1.521	0.002	0.004	0.216	0.029
22	12	10	76	0.002	0.003	1.538	1.529	0.003	0.005	0.238	0.030
23	12	10	76	0.002	0.003	1.546	1.532	0.003	0.005	0.204	0.030

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	13	10	76	0.002	0.003	1.556	1.539	0.003	0.005	0.191	0.028
1	13	10	76	0.002	0.003	1.550	1.539	0.003	0.005	0.165	0.028
2	13	10	76	0.002	0.003	1.552	1.540	0.002	0.004	0.132	0.028
3	13	10	76	0.002	0.003	1.554	1.545	0.002	0.004	0.146	0.028
4	13	10	76	0.002	0.003	1.552	1.541	0.002	0.003	0.073	0.025
5	13	10	76	0.002	0.003	1.559	1.548	0.002	0.003	0.082	0.021
6	13	10	76	0.002	0.003	1.554	1.550	0.002	0.003	0.091	0.023
7	13	10	76	0.002	0.003	1.557	1.551	0.001	0.003	0.085	0.024
8	13	10	76	0.002	0.003	1.565	1.548	0.001	0.002	0.163	0.028
9	13	10	76	0.002	0.003	1.544	1.535	0.001	0.001	0.050	0.031
10	13	10	76	0.002	0.003	1.538	1.525	0.002	0.001	0.003	0.036
11	13	10	76	0.002	0.003	1.512	1.501	0.004	0.003	0.0	0.041
12	13	10	76	0.002	0.003	1.489	1.482	0.005	0.005	0.0	0.045
13	13	10	76	0.002	0.003	1.483	1.476	0.006	0.006	0.0	0.044
14	13	10	76	0.002	0.003	1.475	1.468	0.007	0.007	0.0	0.043
15	13	10	76	0.002	0.003	1.461	1.455	0.007	0.006	0.0	0.046
16	13	10	76	0.002	0.003	1.468	1.462	0.006	0.006	0.0	0.046
17	13	10	76	0.002	0.003	1.480	1.474	0.005	0.005	0.0	0.044
18	13	10	76	0.002	0.003	1.499	1.492	0.004	0.003	0.0	0.033
19	13	10	76	0.002	0.003	1.527	1.522	0.001	0.002	0.145	0.024
20	13	10	76	0.002	0.003	1.548	1.544	0.002	0.003	0.116	0.023
21	13	10	76	0.002	0.003	1.548	1.545	0.002	0.004	0.098	0.026
22	13	10	76	0.002	0.003	1.535	1.537	0.002	0.004	0.092	0.028
23	13	10	76	0.002	0.003	1.527	1.529	0.003	0.005	0.090	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	14	10	76	0.002	0.003	1.527	1.533	0.003	0.005	0.104	0.025
1	14	10	76	0.002	0.003	1.518	1.525	0.003	0.005	0.084	0.021
2	14	10	76	0.002	0.003	1.525	1.528	0.004	0.006	0.071	0.019
3	14	10	76	0.002	0.003	1.531	1.531	0.003	0.005	0.068	0.019
4	14	10	76	0.002	0.003	1.536	1.538	0.003	0.005	0.071	0.021
5	14	10	76	0.002	0.003	1.532	1.533	0.003	0.005	0.105	0.023
6	14	10	76	0.002	0.003	1.531	1.534	0.003	0.005	0.121	0.021
7	14	10	76	0.002	0.003	1.528	1.531	0.003	0.004	0.099	0.019
8	14	10	76	0.002	0.003	1.527	1.524	0.002	0.003	0.197	0.026
9	14	10	76	0.002	0.003	1.519	1.511	0.001	0.001	0.049	0.034
10	14	10	76	0.002	0.003	1.487	1.487	0.002	0.002	0.0	0.037
11	14	10	76	0.002	0.003	1.472	1.471	0.003	0.003	0.0	0.039
12	14	10	76	0.002	0.003	1.465	1.455	0.003	0.003	0.0	0.037
13	14	10	76	0.002	0.003	1.447	1.443	0.003	0.003	0.0	0.036
14	14	10	76	0.002	0.003	1.415	1.423	0.004	0.004	0.0	0.033
15	14	10	76	0.002	0.003	1.405	1.415	0.004	0.004	0.0	0.033
16	14	10	76	0.002	0.003	1.410	1.418	0.004	0.004	0.0	0.034
17	14	10	76	0.002	0.003	1.418	1.421	0.004	0.003	0.0	0.033
18	14	10	76	0.002	0.003	1.435	1.438	0.002	0.002	0.0	0.024
19	14	10	76	0.002	0.003	1.469	1.469	0.001	0.003	0.102	0.022
20	14	10	76	0.002	0.003	1.490	1.486	0.002	0.004	0.198	0.022
21	14	10	76	0.002	0.003	1.485	1.489	0.002	0.004	0.184	0.022
22	14	10	76	0.002	0.003	1.492	1.494	0.003	0.005	0.175	0.021
23	14	10	76	0.002	0.003	1.485	1.490	0.003	0.005	0.185	0.018

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	15	10	76	0.002	0.003	1.491	1.493	0.003	0.005	0.169	0.017
1	15	10	76	0.002	0.003	1.506	1.502	0.003	0.005	0.184	0.021
2	15	10	76	0.002	0.003	1.515	1.502	0.002	0.004	0.179	0.021
3	15	10	76	0.002	0.003	1.505	1.496	0.002	0.004	0.153	0.022
4	15	10	76	0.002	0.003	1.503	1.498	0.002	0.003	0.163	0.019
5	15	10	76	0.002	0.003	1.501	1.496	0.001	0.003	0.146	0.018
6	15	10	76	0.002	0.003	1.491	1.486	0.001	0.003	0.142	0.016
7	15	10	76	0.002	0.003	1.495	1.491	0.001	0.002	0.150	0.014
8	15	10	76	0.002	0.003	1.487	1.480	0.001	0.001	0.149	0.020
9	15	10	76	0.002	0.003	1.492	1.478	0.002	0.001	0.050	0.024
10	15	10	76	0.002	0.003	1.481	1.467	0.003	0.002	0.0	0.028
11	15	10	76	0.002	0.003	1.446	1.441	0.004	0.004	0.0	0.036
12	15	10	76	0.002	0.003	1.425	1.421	0.004	0.004	0.0	0.039
13	15	10	76	0.002	0.003	1.415	1.416	0.005	0.004	0.096	0.039
14	15	10	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.038
15	15	10	76	99.000	99.000	99.000	99.000	0.005	0.005	0.0	0.038
16	15	10	76	0.002	0.003	1.398	1.401	0.005	0.005	0.0	0.039
17	15	10	76	0.002	0.003	1.403	1.413	0.004	0.004	0.0	0.038
18	15	10	76	0.002	0.003	1.432	1.434	0.002	0.002	0.0	0.028
19	15	10	76	0.002	0.003	1.484	1.478	0.002	0.003	0.094	0.027
20	15	10	76	0.002	0.003	1.507	1.497	0.002	0.004	0.167	0.026
21	15	10	76	0.002	0.003	1.514	1.503	0.002	0.004	0.166	0.025
22	15	10	76	0.002	0.003	1.510	1.504	0.002	0.005	0.173	0.025
23	15	10	76	0.002	0.003	1.504	1.504	0.003	0.005	0.199	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	16	10	76	0.002	0.003	1.500	1.501	0.002	0.004	0.209	0.025
1	16	10	76	0.002	0.003	1.505	1.510	0.002	0.004	0.215	0.023
2	16	10	76	0.002	0.003	1.513	1.513	0.002	0.004	0.206	0.021
3	16	10	76	0.002	0.003	1.502	1.507	0.003	0.005	0.225	0.019
4	16	10	76	0.002	0.003	1.504	1.511	0.003	0.005	0.190	0.017
5	16	10	76	0.002	0.003	1.511	1.519	0.003	0.005	0.193	0.020
6	16	10	76	0.002	0.003	1.514	1.521	0.003	0.005	0.207	0.022
7	16	10	76	0.002	0.003	1.502	1.514	0.003	0.005	0.192	0.019
8	16	10	76	0.002	0.003	1.518	1.543	0.002	0.004	0.194	0.024
9	16	10	76	0.002	0.003	1.509	1.514	0.001	0.002	0.062	0.029
10	16	10	76	0.002	0.003	1.492	1.496	0.001	0.001	0.0	0.035
11	16	10	76	0.002	0.003	1.471	1.475	0.002	0.001	0.0	0.041
12	16	10	76	0.002	0.003	1.485	1.457	0.003	0.002	0.0	0.043
13	16	10	76	0.002	0.003	1.444	1.451	0.003	0.002	0.0	0.043
14	16	10	76	0.002	0.003	1.423	1.434	0.003	0.003	0.0	0.042
15	16	10	76	0.002	0.003	1.421	1.434	0.003	0.003	0.0	0.043
16	16	10	76	0.002	0.003	1.440	1.454	0.003	0.002	0.0	0.042
17	16	10	76	0.002	0.003	1.435	1.453	0.002	0.002	0.0	0.041
18	16	10	76	0.002	0.003	1.486	1.505	0.001	0.002	0.0	0.029
19	16	10	76	0.002	0.003	1.487	1.501	0.003	0.005	0.146	0.026
20	16	10	76	0.002	0.003	1.520	1.525	0.003	0.006	0.217	0.027
21	16	10	76	0.002	0.003	1.526	1.534	0.004	0.006	0.240	0.029
22	16	10	76	0.002	0.003	1.545	1.556	0.004	0.006	0.237	0.029
23	16	10	76	0.002	0.003	1.526	1.542	0.004	0.006	0.251	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	17	10	76	0.002	0.003	1.504	1.521	0.004	0.005	0.219	0.026
1	17	10	76	0.002	0.003	1.511	1.526	0.003	0.005	0.217	0.024
2	17	10	76	0.002	0.003	1.504	1.523	0.003	0.005	0.188	0.022
3	17	10	76	0.002	0.003	1.505	1.523	0.003	0.004	0.162	0.019
4	17	10	76	0.002	0.003	1.500	1.518	0.003	0.005	0.165	0.018
5	17	10	76	0.002	0.003	1.503	1.524	0.003	0.005	0.167	0.018
6	17	10	76	0.002	0.003	1.507	1.516	0.003	0.004	0.160	0.019
7	17	10	76	0.002	0.003	1.506	1.513	0.002	0.004	0.136	0.023
8	17	10	76	0.002	0.003	1.475	1.493	0.002	0.003	0.163	0.030
9	17	10	76	0.002	0.003	1.459	1.482	0.001	0.002	0.155	0.032
10	17	10	76	0.002	0.003	1.449	1.468	0.001	0.001	0.083	0.034
11	17	10	76	0.002	0.003	1.432	1.454	0.002	0.002	0.004	0.035
12	17	10	76	0.002	0.003	1.418	1.440	0.004	0.003	0.0	0.037
13	17	10	76	0.002	0.003	1.415	1.433	0.004	0.004	0.0	0.037
14	17	10	76	0.002	0.003	1.416	1.428	0.004	0.004	0.0	0.038
15	17	10	76	0.002	0.003	1.421	1.437	0.003	0.002	0.0	0.040
16	17	10	76	0.002	0.003	1.435	1.451	0.002	0.001	0.020	0.046
17	17	10	76	0.002	0.003	1.445	1.460	0.001	0.001	0.0	0.046
18	17	10	76	0.002	0.003	1.459	1.474	0.002	0.003	0.119	0.047
19	17	10	76	0.002	0.003	1.487	1.494	0.004	0.006	0.099	0.047
20	17	10	76	0.002	0.003	1.490	1.504	0.003	0.005	0.154	0.042
21	17	10	76	0.002	0.003	1.495	1.511	0.002	0.005	0.152	0.042
22	17	10	76	0.002	0.003	1.527	1.522	0.003	0.005	0.188	0.038
23	17	10	76	0.002	0.003	1.531	1.544	0.003	0.005	0.212	0.035

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	18	10	76	0.002	0.003	1.512	1.531	0.003	0.005	0.199	0.028
1	18	10	76	0.002	0.003	1.537	1.552	0.004	0.005	0.265	0.024
2	18	10	76	0.002	0.003	1.571	1.577	0.004	0.006	0.185	0.021
3	18	10	76	0.002	0.003	1.541	1.562	0.004	0.006	0.193	0.021
4	18	10	76	0.002	0.003	1.549	1.568	0.004	0.006	0.177	0.021
5	18	10	76	0.002	0.003	1.541	1.559	0.004	0.006	0.172	0.020
6	18	10	76	0.002	0.003	1.553	1.573	0.004	0.006	0.169	0.020
7	18	10	76	0.002	0.003	1.551	1.570	0.003	0.005	0.182	0.018
8	18	10	76	0.002	0.003	1.555	1.581	0.002	0.004	0.179	0.023
9	18	10	76	0.002	0.003	1.565	1.575	0.001	0.002	0.162	0.026
10	18	10	76	0.002	0.003	1.563	1.575	0.001	0.002	0.162	0.027
11	18	10	76	0.002	0.003	1.544	1.562	0.001	0.002	0.103	0.029
12	18	10	76	0.002	0.003	1.526	1.549	0.001	0.002	0.074	0.032
13	18	10	76	0.002	0.003	1.493	1.513	0.001	0.002	0.0	0.036
14	18	10	76	0.002	0.003	1.485	1.509	0.0	0.001	0.0	0.036
15	18	10	76	0.002	0.003	1.479	1.509	0.001	0.002	0.008	0.036
16	18	10	76	0.002	0.003	1.487	1.518	0.001	0.002	0.0	0.036
17	18	10	76	0.002	0.003	1.519	1.538	0.001	0.002	0.0	0.034
18	18	10	76	0.002	0.003	1.528	1.549	0.002	0.004	0.068	0.028
19	18	10	76	0.002	0.003	1.524	1.560	0.004	0.006	0.155	0.022
20	18	10	76	0.002	0.003	1.544	1.572	0.004	0.006	0.149	0.022
21	18	10	76	0.002	0.003	1.542	1.569	0.004	0.006	0.162	0.022
22	18	10	76	0.002	0.003	1.531	1.559	0.003	0.005	0.123	0.022
23	18	10	76	0.002	0.003	1.53[illegible]	1.557	0.003	0.005	0.101	0.022

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
	19	10	76	0.002	0.003	1.535	1.558	0.002	0.004	0.071	0.022
1	19	10	76	0.002	0.003	1.528	1.556	0.002	0.004	0.073	0.022
2	19	10	76	0.002	0.003	1.524	1.554	0.003	0.005	0.076	0.019
3	19	10	76	0.002	0.003	1.537	1.569	0.003	0.005	0.083	0.016
4	19	10	76	0.002	0.003	1.544	1.571	0.004	0.005	0.091	0.016
5	19	10	76	0.002	0.003	1.563	1.591	0.004	0.006	0.113	0.017
6	19	10	76	0.002	0.003	1.552	1.576	0.004	0.006	0.124	0.017
7	19	10	76	0.002	0.003	1.553	1.581	0.004	0.006	0.144	0.016
8	19	10	76	0.002	0.003	1.545	1.565	0.002	0.004	0.109	0.023
9	19	10	76	0.002	0.003	1.533	1.556	0.002	0.004	0.080	0.029
10	19	10	76	0.002	0.003	1.526	1.552	0.001	0.003	0.055	0.033
11	19	10	76	0.002	0.003	1.527	1.551	0.001	0.002	0.037	0.038
12	19	10	76	0.002	0.003	1.525	1.552	0.001	0.002	0.052	0.041
13	19	10	76	0.002	0.003	1.505	1.533	0.001	0.002	0.063	0.043
14	19	10	76	0.002	0.003	1.491	1.515	0.001	0.001	0.0	0.044
15	19	10	76	0.002	0.003	1.474	1.502	0.001	0.001	0.0	0.044
16	19	10	76	0.002	0.003	1.529	1.519	0.001	0.001	0.0	0.044
17	19	10	76	0.002	0.003	1.519	1.538	0.002	0.001	0.0	0.041
18	19	10	76	0.002	0.003	1.55[illegible]	1.563	0.001	0.003	0.044	0.030
19	19	10	76	0.002	0.003	1.574	1.596	0.004	0.006	0.150	0.027
20	19	10	76	0.002	0.003	1.578	1.603	0.005	0.007	0.202	0.027
21	19	10	76	0.002	0.003	1.577	1.599	0.004	0.006	0.185	0.027
22	19	10	76	0.002	0.003	1.595	1.615	0.004	0.007	0.163	0.027
23	19	10	76	0.002	0.003	1.582	1.605	0.004	0.006	0.164	0.025

```
                              RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                        AIR  QUALITY  DATA
HR  DY  MO  YR        SO2      H2S       THC      CH4       NOX      NO        CO       O3
++  ++  ++  ++     +------------------------------------------------------------------------

 0  20  10  76      0.002    0.003     1.564    1.598     0.004    0.006     0.132    0.022
 1  20  10  76      0.002    0.003     1.564    1.597     0.005    0.007     0.152    0.021
 2  20  10  76      0.002    0.003     1.576    1.608     0.005    0.007     0.160    0.022
 3  20  10  76      0.002    0.003     1.567    1.599     0.005    0.007     0.173    0.021
 4  20  10  76      0.002    0.003     1.569    1.599     0.005    0.007     0.178    0.021
 5  20  10  76      0.002    0.003     1.559    1.591     0.005    0.007     0.166    0.022
 6  20  10  76      0.002    0.003     1.555    1.590     0.005    0.008     0.177    0.022
 7  20  10  76      0.002    0.003     1.556    1.588     0.005    0.007     0.177    0.023
 8  20  10  76      0.002    0.003     1.554    1.580     0.004    0.007     0.180    0.028
 9  20  10  76      0.002    0.003     1.545    1.571     0.003    0.005     0.109    0.032
10  20  10  76      0.002    0.003     1.523    1.549     0.002    0.004     0.020    0.036
11  20  10  76      0.002    0.003     1.509    1.537     0.002    0.004     0.028    0.041
12  20  10  76      0.002    0.003     1.501    1.530     0.001    0.003     0.017    0.043
13  20  10  76      0.002    0.003     1.488    1.512     0.001    0.002     0.0      0.043
14  20  10  76      0.002    0.003     1.476    1.502     0.001    0.001     0.0      0.043
15  20  10  76      0.002    0.003     1.467    1.497     0.001    0.001     0.003    0.043
16  20  10  76      0.002    0.003     1.481    1.508     0.001    0.001     0.0      0.042
17  20  10  76      0.002    0.003     1.517    1.546     0.001    0.001     0.0      0.041
18  20  10  76     99.000   99.000    99.000   99.000     0.001    0.003     0.098    0.037
19  20  10  76      0.002    0.003     1.519    1.504     0.004    0.007     0.134    0.030
20  20  10  76      0.002    0.003     1.553    1.566     0.005    0.007     0.152    0.028
21  20  10  76      0.002    0.003     1.575    1.592     0.005    0.008     0.140    0.028
22  20  10  76      0.002    0.003     1.584    1.595     0.005    0.007     0.148    0.028
23  20  10  76      0.002    0.003     1.560    1.597     0.005    0.007     0.146    0.029
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	10	76	0.002	0.003	1.579	1.594	0.004	0.006	0.152	0.029
1	21	10	76	0.002	0.003	1.563	1.582	0.005	0.007	0.122	0.025
2	21	10	76	0.002	0.003	1.560	1.588	0.005	0.006	0.092	0.021
3	21	10	76	0.002	0.003	1.558	1.594	0.005	0.006	0.101	0.021
4	21	10	76	0.002	0.003	1.564	1.598	0.005	0.006	0.097	0.021
5	21	10	76	0.002	0.003	1.554	1.590	0.004	0.006	0.095	0.022
6	21	10	76	0.002	0.003	1.545	1.576	0.005	0.007	0.098	0.022
7	21	10	76	0.002	0.003	1.545	1.575	0.004	0.006	0.127	0.022
8	21	10	76	0.002	0.003	1.538	1.567	0.003	0.005	0.118	0.027
9	21	10	76	0.002	0.003	1.538	1.550	0.002	0.004	0.047	0.032
10	21	10	76	0.002	0.003	1.498	1.527	0.001	0.003	0.019	0.039
11	21	10	76	0.002	0.003	1.468	1.505	0.001	0.002	0.0	0.040
12	21	10	76	0.002	0.003	1.455	1.488	0.001	0.001	0.0	0.041
13	21	10	76	0.002	0.003	1.440	1.471	0.001	0.001	0.0	0.041
14	21	10	76	0.002	0.003	1.434	1.460	0.002	0.001	0.0	0.042
15	21	10	76	0.002	0.003	1.432	1.461	0.002	0.001	0.0	0.042
16	21	10	76	0.002	0.003	1.481	1.532	0.002	0.001	0.0	0.045
17	21	10	76	0.002	0.003	99.000	99.000	0.001	0.001	0.0	0.046
18	21	10	76	0.002	0.002	99.000	99.000	0.001	0.003	0.0	0.034
19	21	10	76	0.002	0.003	99.000	99.000	0.003	0.005	0.150	0.032
20	21	10	76	0.002	0.003	1.518	1.543	0.004	0.006	0.174	0.031
21	21	10	76	0.002	0.003	1.526	1.550	0.004	0.007	0.148	0.029
22	21	10	76	0.002	0.003	1.570	1.560	0.005	0.007	0.111	0.028
23	21	10	76	0.002	0.003	1.486	1.525	0.005	0.007	0.084	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	22	10	76	0.002	0.003	1.496	1.527	0.005	0.007	0.084	0.025
1	22	10	76	0.002	0.003	1.491	1.541	0.005	0.007	0.102	0.024
2	22	10	76	0.002	0.003	1.498	1.540	0.005	0.007	0.118	0.026
3	22	10	76	0.002	0.003	1.482	1.526	0.005	0.008	0.094	0.025
4	22	10	76	0.002	0.003	1.473	1.513	0.005	0.007	0.137	0.022
5	22	10	76	0.002	0.003	1.496	1.520	0.005	0.007	0.160	0.022
6	22	10	76	0.002	0.003	1.501	1.537	0.005	0.007	0.150	0.022
7	22	10	76	0.002	0.003	1.498	1.537	0.005	0.007	0.163	0.022
8	22	10	76	0.002	0.003	1.484	1.527	0.004	0.006	0.157	0.027
9	22	10	76	0.002	0.003	1.482	1.520	0.003	0.005	0.099	0.034
10	22	10	76	0.002	0.003	1.487	1.519	0.001	0.003	0.027	0.041
11	22	10	76	0.002	0.003	1.461	1.498	0.001	0.001	0.0	0.043
12	22	10	76	0.002	0.003	1.456	1.489	0.001	0.001	0.016	0.043
13	22	10	76	0.002	0.003	1.438	1.478	0.002	0.001	0.065	0.042
14	22	10	76	0.002	0.003	1.433	1.472	0.002	0.001	0.025	0.043
15	22	10	76	0.002	0.003	1.437	1.470	0.001	0.001	0.010	0.042
16	22	10	76	0.002	0.003	1.410	1.457	0.001	0.001	0.0	0.041
17	22	10	76	0.002	0.003	1.442	1.481	0.001	0.001	0.003	0.041
18	22	10	76	0.002	0.003	1.455	1.495	0.002	0.003	0.115	0.033
19	22	10	76	0.002	0.003	1.539	1.565	0.003	0.005	0.198	0.031
20	22	10	76	0.002	0.003	1.522	1.559	0.004	0.006	0.215	0.027
21	22	10	76	0.002	0.003	1.541	1.561	0.004	0.006	0.202	0.023
22	22	10	76	0.002	0.003	1.539	1.578	0.004	0.006	0.169	0.021
23	22	10	76	0.002	0.003	1.503	1.556	0.004	0.006	0.151	0.021

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                         RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                AIR   QUALITY  DATA
HR DY MO YR       SO2      H2S      TFC     CH4      NOX     NO      CO      O3
++ ++ ++ ++    +---------------------------------------------------------------------+

 0 23 10 76     0.002    0.003    1.490   1.532    0.002   0.004   0.174   0.032
 1 23 10 76     0.002    0.003    1.492   1.537    0.002   0.004   0.194   0.033
 2 23 10 76     0.002    0.003    1.505   1.554    0.002   0.004   0.186   0.028
 3 23 10 76     0.002    0.003    1.485   1.542    0.002   0.005   0.175   0.026
 4 23 10 76     0.002    0.003    1.505   1.553    0.002   0.003   0.180   0.029
 5 23 10 76     0.002    0.003    1.512   1.562    0.001   0.002   0.162   0.028
 6 23 10 76     0.002    0.003    1.514   1.569    0.002   0.003   0.205   0.025
 7 23 10 76     0.002    0.003    1.505   1.551    0.002   0.004   0.185   0.021
 8 23 10 76     0.002    0.003    1.484   1.528    0.001   0.002   0.196   0.025
 9 23 10 76     0.002    0.003    1.471   1.519    0.001   0.001   0.142   0.034
10 23 10 76     0.002    0.003    1.452   1.495    0.001   0.001   0.079   0.040
11 23 10 76     0.002    0.003    1.414   1.462    0.002   0.001   0.0     0.042
12 23 10 76     0.002    0.003    1.397   1.453    0.002   0.001   0.0     0.043
13 23 10 76     0.002    0.002   99.000  99.000    0.002   0.002   0.0     0.043
14 23 10 76     0.002    0.003   99.000  99.000    0.003   0.002   0.0     0.042
15 23 10 76     0.002    0.003   99.000  99.000    0.003   0.002   0.0     0.042
16 23 10 76     0.002    0.003   99.000  99.000    0.002   0.002   0.0     0.042
17 23 10 76     0.002    0.003    1.413   1.409    0.002   0.001   0.0     0.042
18 23 10 76     0.002    0.003    1.434   1.434    0.001   0.003   0.059   0.036
19 23 10 76     0.002    0.003    1.467   1.459    0.002   0.004   0.139   0.029
20 23 10 76     0.002    0.003    1.481   1.472    0.002   0.004   0.163   0.036
21 23 10 76     0.002    0.003    1.486   1.474    0.001   0.004   0.166   0.029
22 23 10 76     0.002    0.003    1.498   1.476    0.001   0.003   0.161   0.030
23 23 10 76     0.002    0.003    1.538   1.483    0.001   0.003   0.185   0.028
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	24	10	76	0.002	0.003	1.512	1.490	0.001	0.003	0.162	0.024
1	24	10	76	0.002	0.003	1.506	1.489	0.002	0.004	0.146	0.026
2	24	10	76	0.002	0.003	1.505	1.491	0.002	0.004	0.142	0.028
3	24	10	76	0.002	0.003	1.496	1.482	0.002	0.005	0.147	0.027
4	24	10	76	0.002	0.003	1.514	1.497	0.002	0.005	0.154	0.024
5	24	10	76	0.002	0.003	1.499	1.438	0.002	0.005	0.168	0.026
6	24	10	76	0.002	0.003	1.491	1.481	0.002	0.005	0.169	0.023
7	24	10	76	0.002	0.003	1.480	1.480	0.002	0.005	0.162	0.022
8	24	10	76	0.002	0.003	1.484	1.477	0.001	0.003	0.164	0.024
9	24	10	76	0.002	0.003	1.492	1.469	0.001	0.002	0.138	0.032
10	24	10	76	0.002	0.003	1.489	1.471	0.001	0.001	0.090	0.041
11	24	10	76	0.002	0.003	1.469	1.455	0.001	0.001	0.040	0.043
12	24	10	76	0.002	0.003	1.451	1.442	0.007	0.007	0.0	0.043
13	24	10	76	0.002	0.003	1.431	1.426	0.003	0.002	0.008	0.043
14	24	10	76	0.002	0.003	1.430	1.423	0.002	0.001	0.0	0.043
15	24	10	76	0.002	0.003	1.429	1.425	0.002	0.001	0.0	0.043
16	24	10	76	0.002	0.003	1.433	1.427	0.001	0.001	0.0	0.044
17	24	10	76	0.002	0.003	1.454	1.449	0.001	0.002	0.015	0.042
18	24	10	76	0.002	0.003	1.496	1.490	0.003	0.005	0.134	0.032
19	24	10	76	0.002	0.003	1.497	1.487	0.004	0.006	0.122	0.028
20	24	10	76	0.002	0.003	1.529	1.507	0.004	0.006	0.154	0.029
21	24	10	76	0.002	0.003	1.516	1.500	0.003	0.006	0.182	0.032
22	24	10	76	0.002	0.003	1.614	1.581	0.003	0.006	0.171	0.027
23	24	10	76	0.002	0.003	1.556	1.541	0.004	0.007	0.148	0.027

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

```
HR DY MO YR    SO2    H2S      THC    CH4      NOX    NO       CO     O3
++ ++ ++ ++  +-----------------------------------------------------------+

 0 25 10 76   0.002  0.003    1.583  1.564    0.004  0.007    0.185  0.024

 1 25 10 76   0.002  0.003    1.545  1.534    0.004  0.006    0.168  0.022

 2 25 10 76   0.002  0.003    1.497  1.480    0.003  0.006    0.155  0.023

 3 25 10 76   0.002  0.003    1.475  1.464    0.003  0.006    0.132  0.025

 4 25 10 76   0.002  0.003    1.469  1.457    0.004  0.006    0.122  0.030

 5 25 10 76   0.002  0.003    1.459  1.452    0.003  0.005    0.085  0.032

 6 25 10 76   0.002  0.003    1.450  1.440    0.002  0.004    0.040  0.030

 7 25 10 76   0.002  0.003    1.460  1.454    0.003  0.005    0.102  0.027

 8 25 10 76   0.002  0.003    1.452  1.445    0.003  0.005    0.074  0.028

 9 25 10 76   0.002  0.003    1.451  1.433    0.002  0.003    0.013  0.033

10 25 10 76   0.002  0.003    1.443  1.430    0.001  0.003    0.0    0.039

11 25 10 76   0.002  0.003    1.440  1.424    0.001  0.003    0.084  0.040

12 25 10 76   0.002  0.003    1.435  1.424    0.001  0.002    0.030  0.040

13 25 10 76   0.002  0.003    1.448  1.434    0.001  0.001    0.006  0.040

14 25 10 76   0.002  0.003    1.473  1.456    0.001  0.002    0.102  0.039

15 25 10 76   0.002  0.003    1.466  1.446    0.001  0.001    0.136  0.039

16 25 10 76   0.002  0.003    1.450  1.442    0.003  0.002    0.271  0.036

17 25 10 76   0.002  0.003    1.454  1.441    0.003  0.001    0.270  0.035

18 25 10 76   0.002  0.003    1.467  1.451    0.002  0.001    0.247  0.027

19 25 10 76   0.002  0.003    1.474  1.458    0.001  0.001    0.269  0.031

20 25 10 76   0.002  0.003    1.487  1.465    0.001  0.001    0.250  0.021

21 25 10 76   0.002  0.003    1.485  1.469    0.001  0.001    0.219  0.021

22 25 10 76   0.002  0.003    1.495  1.474    0.001  0.001    0.207  0.020

23 25 10 76   0.002  0.003    1.525  1.507    0.001  0.001    0.262  0.016
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	26	10	76	0.002	0.003	1.503	1.487	0.001	0.002	0.447	0.017
1	26	10	76	0.002	0.003	1.504	1.487	0.001	0.002	0.447	0.019
2	26	10	76	0.002	0.003	1.508	1.499	0.001	0.003	0.413	0.020
3	26	10	76	0.002	0.003	1.506	1.489	0.002	0.003	0.417	0.020
4	26	10	76	0.002	0.003	1.510	1.494	0.002	0.004	0.423	0.020
5	26	10	76	0.002	0.003	1.509	1.488	0.001	0.003	0.430	0.021
6	26	10	76	0.002	0.003	1.502	1.487	0.001	0.002	0.430	0.019
7	26	10	76	0.002	0.003	1.491	1.474	0.001	0.002	0.457	0.019
8	26	10	76	0.002	0.003	1.485	1.468	0.001	0.001	0.493	0.020
9	26	10	76	0.002	0.003	1.494	1.468	0.001	0.001	0.527	0.025
10	26	10	76	0.002	0.003	1.481	1.465	0.002	0.001	0.551	0.028
11	26	10	76	0.002	0.003	1.471	1.459	0.002	0.001	0.559	0.032
12	26	10	76	0.002	0.003	1.479	1.461	0.002	0.001	0.664	0.035
13	26	10	76	0.002	0.003	1.474	1.459	0.002	0.001	0.547	0.034
14	26	10	76	0.002	0.003	1.477	1.455	0.002	0.001	0.474	0.036
15	26	10	76	0.002	0.003	1.482	1.461	0.002	0.001	0.485	0.036
16	26	10	76	0.002	0.003	1.468	1.453	0.001	0.001	0.429	0.035
17	26	10	76	0.002	0.003	1.470	1.456	0.001	0.001	0.514	0.034
18	26	10	76	0.002	0.003	1.469	1.456	0.001	0.001	0.453	0.034
19	26	10	76	0.002	0.003	1.475	1.465	0.001	0.002	0.435	0.034
20	26	10	76	0.002	0.003	1.484	1.468	0.001	0.002	0.459	0.033
21	26	10	76	0.002	0.003	1.530	1.508	0.001	0.003	0.465	0.025
22	26	10	76	0.002	0.003	1.548	1.528	0.001	0.003	0.439	0.018
23	26	10	76	0.002	0.003	1.502	1.486	0.001	0.003	0.433	0.019

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	27	10	76	0.002	0.003	1.507	1.493	0.002	0.004	0.391	0.017
1	27	10	76	0.002	0.003	1.491	1.477	0.002	0.004	0.368	0.016
2	27	10	76	0.002	0.003	1.488	1.473	0.001	0.004	0.320	0.016
3	27	10	76	0.002	0.003	1.497	1.484	0.001	0.003	0.299	0.015
4	27	10	76	0.002	0.003	1.484	1.471	0.001	0.003	0.314	0.016
5	27	10	76	0.003	0.003	1.517	1.504	0.001	0.003	0.298	0.014
6	27	10	76	0.003	0.003	1.532	1.512	0.002	0.005	0.273	0.013
7	27	10	76	0.002	0.003	1.528	1.516	0.002	0.005	0.304	0.015
8	27	10	76	0.002	0.003	1.506	1.487	0.001	0.003	0.322	0.017
9	27	10	76	0.003	0.005	1.402	1.426	0.001	0.001	0.360	0.025
10	27	10	76	0.002	0.003	1.522	1.495	0.001	0.0	0.270	0.031
11	27	10	76	0.002	0.003	1.500	1.470	0.001	0.001	0.279	0.033
12	27	10	76	0.002	0.003	99.000	99.000	0.001	0.001	0.277	0.035
13	27	10	76	0.002	0.003	99.000	99.000	0.001	0.001	0.188	0.036
14	27	10	76	0.002	0.003	1.430	1.401	0.001	0.001	0.173	0.037
15	27	10	76	0.002	0.003	1.444	1.419	0.001	0.001	0.181	0.037
16	27	10	76	0.002	0.003	1.444	1.431	0.001	0.001	0.152	0.037
17	27	10	76	0.002	0.003	1.458	1.448	0.0	0.001	0.212	0.036
18	27	10	76	0.002	0.003	1.487	1.480	0.001	0.003	0.301	0.026
19	27	10	76	0.002	0.003	1.493	1.483	0.002	0.003	0.325	0.023
20	27	10	76	0.002	0.003	1.505	1.493	0.001	0.003	0.289	0.023
21	27	10	76	0.003	0.003	1.504	1.494	0.001	0.003	0.262	0.023
22	27	10	76	0.003	0.003	1.497	1.488	0.001	0.003	0.263	0.023
23	27	10	76	0.003	0.003	1.498	1.492	0.001	0.003	0.260	0.023

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	10	76	0.003	0.003	1.507	1.504	0.001	0.003	0.239	0.022
1	28	10	76	0.003	0.003	1.508	1.506	0.002	0.004	0.238	0.022
2	28	10	76	0.003	0.003	1.494	1.492	0.002	0.004	0.256	0.019
3	28	10	76	0.003	0.003	1.490	1.483	0.003	0.005	0.224	0.016
4	28	10	76	0.003	0.003	1.562	1.565	0.004	0.006	0.262	0.014
5	28	10	76	0.003	0.003	1.531	1.527	0.004	0.006	0.256	0.016
6	28	10	76	0.003	0.003	1.499	1.488	0.004	0.006	0.255	0.016
7	28	10	76	0.003	0.003	1.522	1.507	0.004	0.006	0.264	0.016
8	28	10	76	0.002	0.003	1.494	1.482	0.002	0.004	0.173	0.019
9	28	10	76	0.002	0.003	1.471	1.461	0.001	0.002	0.294	0.024
10	28	10	76	0.002	0.003	1.476	1.460	0.001	0.002	0.148	0.030
11	28	10	76	0.002	0.003	1.478	1.462	0.001	0.002	0.138	0.035
12	28	10	76	0.002	0.003	1.472	1.456	0.001	0.001	0.082	0.036
13	28	10	76	0.002	0.003	1.461	1.443	0.001	0.001	0.156	0.036
14	28	10	76	0.002	0.003	1.453	1.432	0.001	0.001	0.0	0.037
15	28	10	76	0.002	0.003	1.442	1.424	0.001	0.001	0.0	0.038
16	28	10	76	0.002	0.003	1.449	1.432	0.001	0.001	0.0	0.038
17	28	10	76	0.002	0.003	1.45[illegible]	1.438	0.001	0.002	0.0	0.036
18	28	10	76	0.002	0.003	1.487	1.475	0.002	0.005	0.0	0.025
19	28	10	76	0.002	0.003	1.521	1.493	0.003	0.005	0.0	0.025
20	28	10	76	0.002	0.003	1.524	1.505	0.003	0.005	0.0	0.025
21	28	10	76	0.002	0.003	1.513	1.494	0.003	0.006	0.0	0.025
22	28	10	76	0.002	0.003	1.511	1.499	0.003	0.006	0.0	0.024
23	28	10	76	0.002	0.003	1.516	1.503	0.003	0.005	0.0	0.024

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	29	10	76	0.002	0.003	1.614	1.591	0.003	0.005	0.0	0.019
1	29	10	76	0.002	0.003	1.590	1.558	0.003	0.005	0.0	0.016
2	29	10	76	0.002	0.003	1.565	1.551	0.003	0.005	0.0	0.015
3	29	10	76	0.002	0.003	1.597	1.570	0.003	0.005	0.0	0.016
4	29	10	76	0.002	0.003	1.542	1.513	0.003	0.005	0.0	0.015
5	29	10	76	0.002	0.003	1.563	1.549	0.004	0.006	0.0	0.015
6	29	10	76	0.002	0.003	1.547	1.521	0.004	0.006	0.164	0.015
7	29	10	76	0.002	0.003	1.551	1.515	0.003	0.005	0.074	0.017
8	29	10	76	0.002	0.003	1.523	1.496	0.001	0.003	0.0	0.019
9	29	10	76	0.002	0.003	1.512	1.482	0.001	0.003	0.066	0.026
10	29	10	76	0.002	0.003	1.519	1.484	0.001	0.002	0.0	0.031
11	29	10	76	0.002	0.003	1.516	1.478	0.001	0.001	0.0	0.034
12	29	10	76	0.002	0.003	1.494	1.463	0.001	0.001	0.130	0.035
13	29	10	76	0.002	0.003	1.493	1.461	0.001	0.001	0.138	0.037
14	29	10	76	0.004	0.003	1.483	1.455	0.002	0.001	0.086	0.038
15	29	10	76	0.002	0.003	1.470	1.446	0.003	0.002	0.102	0.039
16	29	10	76	0.002	0.003	1.465	1.442	0.003	0.002	0.167	0.041
17	29	10	76	0.002	0.003	1.443	1.427	0.003	0.002	0.119	0.038
18	29	10	76	0.002	0.003	1.495	1.469	0.001	0.002	0.262	0.026
19	29	10	76	0.002	0.003	1.545	1.527	0.002	0.004	0.0	0.026
20	29	10	76	0.002	0.003	1.554	1.515	0.002	0.004	0.060	0.025
21	29	10	76	0.002	0.003	1.553	1.524	0.002	0.003	0.050	0.024
22	29	10	76	0.002	0.003	1.540	1.516	0.001	0.003	0.037	0.023
23	29	10	76	0.002	0.003	1.526	1.508	0.001	0.004	0.074	0.022

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	30	1	76	0.002	0.003	1.534	1.518	0.002	0.004	0.132	0.021
1	30	1	76	0.002	0.003	1.550	1.527	0.002	0.004	0.055	0.021
2	30	1	76	0.002	0.003	1.554	1.526	0.003	0.005	0.0	0.020
3	30	1	76	0.002	0.003	1.542	1.514	0.003	0.005	0.086	0.019
4	30	1	76	0.002	0.003	1.549	1.518	0.002	0.004	0.045	0.022
5	30	1	76	0.002	0.003	1.540	1.515	0.003	0.005	0.038	0.020
6	30	1	76	0.003	0.003	1.579	1.550	0.003	0.005	0.138	0.018
7	30	1	76	0.002	0.003	1.573	1.537	0.002	0.005	0.198	0.019
8	30	1	76	0.002	0.003	1.545	1.513	0.002	0.004	0.164	0.022
9	30	1	76	0.002	0.008	1.532	1.500	0.001	0.003	0.342	0.030
10	30	1	76	0.002	0.004	1.518	1.481	0.001	0.002	0.234	0.033
11	30	1	76	0.002	0.003	1.501	1.474	0.001	0.002	0.142	0.038
12	30	1	76	0.002	0.003	1.477	1.455	0.0	0.001	0.177	0.040
13	30	1	76	0.002	0.003	1.454	1.438	0.001	0.001	0.231	0.041
14	30	1	76	0.002	0.003	1.444	1.427	0.002	0.001	0.139	0.041
15	30	1	76	0.002	0.003	1.430	1.410	0.002	0.001	0.187	0.042
16	30	1	76	0.002	0.003	1.430	1.415	0.002	0.001	0.189	0.042
17	30	1	76	0.002	0.003	1.469	1.455	0.001	0.001	0.141	0.040
18	30	1	76	0.002	0.003	1.510	1.457	0.002	0.004	0.235	0.027
19	30	1	76	0.002	0.003	1.505	1.485	0.003	0.005	0.180	0.027
20	30	1	76	0.002	0.003	1.497	1.485	0.003	0.005	0.122	0.028
21	30	1	76	0.002	0.003	1.507	1.494	0.003	0.005	0.266	0.028
22	30	1	76	0.002	0.003	1.511	1.499	0.003	0.005	0.228	0.027
23	30	1	76	0.002	0.003	1.510	1.507	0.002	0.005	0.0	0.026

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	31	10	76	0.002	0.003	1.531	1.519	0.003	0.005	0.0	0.025
1	31	10	76	0.002	0.004	1.539	1.530	0.002	0.004	0.054	0.025
2	31	10	76	0.004	0.003	1.525	1.517	0.002	0.004	0.146	0.026
3	31	10	76	0.003	0.003	1.514	1.513	0.002	0.004	0.244	0.026
4	31	10	76	0.002	0.003	1.486	1.487	0.002	0.004	0.151	0.022
5	31	10	76	0.002	0.003	1.521	1.508	0.002	0.005	0.065	0.019
6	31	10	76	0.003	0.003	1.546	1.532	0.002	0.004	0.012	0.018
7	31	10	76	0.002	0.003	1.515	1.498	0.004	0.004	0.067	0.021
8	31	10	76	0.002	0.003	1.507	1.492	0.002	0.003	0.097	0.021
9	31	10	76	0.002	0.003	1.497	1.479	0.001	0.002	0.221	0.027
10	31	10	76	0.002	0.003	1.485	1.464	0.001	0.002	0.202	0.031
11	31	10	76	0.002	0.003	1.491	1.464	0.001	0.001	0.209	0.036
12	31	10	76	0.002	0.003	1.469	1.453	0.001	0.001	0.559	0.039
13	31	10	76	0.002	0.003	1.477	1.456	0.002	0.001	0.109	0.041
14	31	10	76	0.002	0.003	1.455	1.439	0.002	0.001	0.016	0.041
15	31	10	76	0.002	0.003	1.467	1.444	0.002	0.001	0.0	0.041
16	31	10	76	0.002	0.003	1.457	1.439	0.002	0.001	0.0	0.040
17	31	10	76	0.002	0.003	1.445	1.434	0.001	0.001	0.0	0.037
18	31	10	76	0.002	0.003	1.476	1.469	0.002	0.003	0.039	0.028
19	31	10	76	0.002	0.003	1.486	1.475	0.003	0.005	0.0	0.027
20	31	10	76	0.002	0.003	1.514	1.505	0.002	0.005	0.0	0.026
21	31	10	76	0.002	0.003	1.515	1.499	0.003	0.005	0.0	0.025
22	31	10	76	0.002	0.003	1.517	1.501	0.003	0.006	0.0	0.019
23	31	10	76	0.002	0.003	1.528	1.524	0.006	0.006	0.0	0.019

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	1	11	76	0.002	0.003	1.545	1.541	0.003	0.005	0.0	0.019
1	1	11	76	0.002	0.003	1.521	1.523	0.003	0.005	0.0	0.019
2	1	11	76	0.002	0.003	1.505	1.509	0.003	0.005	0.041	0.019
3	1	11	76	0.002	0.003	1.494	1.498	0.003	0.005	0.031	0.020
4	1	11	76	0.002	0.007	1.540	1.531	0.003	0.005	0.093	0.023
5	1	11	76	0.002	0.004	1.498	1.496	0.003	0.005	0.0	0.022
6	1	11	76	0.002	0.003	1.544	1.501	0.004	0.005	0.0	0.019
7	1	11	76	0.002	0.003	1.520	1.509	0.003	0.006	0.0	0.019
8	1	11	76	0.002	0.003	1.492	1.485	0.002	0.004	0.026	0.021
9	1	11	76	0.002	0.003	1.480	1.465	0.002	0.003	0.049	0.029
10	1	11	76	0.002	0.003	1.463	1.456	0.001	0.003	0.0	0.033
11	1	11	76	0.002	0.003	1.468	1.450	0.001	0.002	0.047	0.036
12	1	11	76	0.002	0.003	1.449	1.444	0.001	0.001	0.0	0.040
13	1	11	76	0.002	0.003	1.521	1.434	0.008	0.009	0.030	0.040
14	1	11	76	0.002	0.003	1.441	1.420	0.005	0.004	0.0	0.041
15	1	11	76	0.002	0.003	1.440	1.426	0.005	0.004	0.186	0.042
16	1	11	76	0.002	0.003	1.442	1.430	0.004	0.003	0.010	0.041
17	1	11	76	0.002	0.003	1.439	1.433	0.004	0.002	0.0	0.035
18	1	11	76	0.002	0.003	1.483	1.459	0.002	0.003	0.0	0.028
19	1	11	76	0.002	0.007	1.475	1.466	0.003	0.005	0.196	0.026
20	1	11	76	0.002	0.004	1.479	1.471	0.003	0.005	0.232	0.026
21	1	11	76	0.002	0.003	1.472	1.472	0.003	0.005	0.0	0.026
22	1	11	76	0.002	0.003	1.477	1.475	0.003	0.005	0.0	0.026
23	1	11	76	0.002	0.003	1.480	1.480	0.002	0.005	0.014	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	2	11	76	0.002	0.003	1.496	1.497	0.003	0.005	0.0	0.023
1	2	11	76	0.002	0.003	1.499	1.504	0.003	0.005	0.031	0.021
2	2	11	76	0.002	0.003	1.506	1.501	0.004	0.005	0.0	0.019
3	2	11	76	0.002	0.003	1.500	1.493	0.005	0.004	0.025	0.021
4	2	11	76	0.002	0.003	1.493	1.491	0.002	0.004	0.0	0.021
5	2	11	76	0.002	0.003	1.497	1.493	0.003	0.005	0.0	0.020
6	2	11	76	0.002	0.003	1.521	1.497	0.003	0.005	0.053	0.019
7	2	11	76	0.002	0.003	1.522	1.504	0.003	0.005	0.0	0.018
8	2	11	76	0.002	0.003	1.517	1.496	0.002	0.004	0.151	0.021
9	2	11	76	0.002	0.003	1.508	1.487	0.001	0.003	0.064	0.028
10	2	11	76	0.002	0.003	1.506	1.470	0.001	0.002	0.0	0.030
11	2	11	76	0.002	0.003	1.473	1.459	0.001	0.001	0.116	0.036
12	2	11	76	0.002	0.003	1.447	1.440	0.002	0.001	0.130	0.040
13	2	11	76	0.002	0.003	1.441	1.431	0.003	0.002	0.0	0.040
14	2	11	76	0.002	0.003	1.489	1.416	0.004	0.003	0.0	0.039
15	2	11	76	0.002	0.003	1.492	1.421	0.004	0.004	0.0	0.039
16	2	11	76	0.002	0.003	1.462	1.426	0.004	0.003	0.060	0.036
17	2	11	76	0.002	0.003	1.529	1.462	0.002	0.001	0.058	0.032
18	2	11	76	0.002	0.003	1.548	1.501	0.001	0.002	0.018	0.024
19	2	11	76	0.002	0.003	1.525	1.505	0.001	0.003	0.120	0.025
20	2	11	76	0.002	0.003	1.507	1.495	0.001	0.003	0.0	0.025
21	2	11	76	0.002	0.003	1.504	1.495	0.001	0.002	0.0	0.024
22	2	11	76	0.002	0.003	1.516	1.509	0.001	0.003	0.201	0.023
23	2	11	76	0.002	0.003	1.522	1.505	0.001	0.003	0.128	0.025

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	3	11	76	0.002	0.003	1.531	1.515	0.001	0.003	0.128	0.025
1	3	11	76	0.002	0.003	1.517	1.505	0.001	0.003	0.245	0.025
2	3	11	76	0.002	0.003	1.590	1.596	0.002	0.004	0.075	0.019
3	3	11	76	0.002	0.003	1.544	1.534	0.002	0.004	0.0	0.018
4	3	11	76	0.002	0.003	1.547	1.534	0.002	0.004	0.0	0.017
5	3	11	76	0.002	0.003	1.555	1.536	0.002	0.004	0.0	0.021
6	3	11	76	0.002	0.004	1.549	1.528	0.002	0.004	0.0	0.024
7	3	11	76	0.002	0.003	1.545	1.522	0.002	0.004	0.060	0.022
8	3	11	76	0.002	0.003	1.522	1.508	0.001	0.003	0.042	0.022
9	3	11	76	0.002	0.003	1.513	1.489	0.001	0.001	0.015	0.025
10	3	11	76	0.002	0.003	1.520	1.492	0.001	0.001	0.017	0.028
11	3	11	76	0.002	0.003	1.519	1.491	0.001	0.001	0.070	0.030
12	3	11	76	0.002	0.003	1.479	1.467	0.003	0.002	0.016	0.033
13	3	11	76	0.002	0.003	1.465	1.458	0.004	0.003	0.001	0.035
14	3	11	76	0.002	0.003	1.466	1.459	0.005	0.004	0.0	0.036
15	3	11	76	0.002	0.003	1.455	1.449	0.005	0.005	0.0	0.036
16	3	11	76	0.002	0.003	1.451	1.444	0.005	0.004	0.001	0.040
17	3	11	76	0.002	0.003	1.466	1.447	0.004	0.003	0.038	0.036
18	3	11	76	0.002	0.003	1.471	1.474	0.002	0.002	0.028	0.025
19	3	11	76	0.002	0.003	1.482	1.479	0.001	0.002	0.055	0.025
20	3	11	76	0.002	0.003	1.498	1.493	0.001	0.002	0.103	0.024
21	3	11	76	0.002	0.003	1.503	1.502	0.0	0.002	0.002	0.023
22	3	11	76	0.002	0.003	1.514	1.504	0.001	0.002	0.0	0.022
23	3	11	76	0.002	0.003	1.487	1.491	0.001	0.002	0.170	0.021

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	4	11	76	0.002	0.003	1.500	1.502	0.001	0.002	0.071	0.020
1	4	11	76	0.002	0.003	1.502	1.501	0.001	0.002	0.016	0.020
2	4	11	76	0.002	0.003	1.496	1.500	0.001	0.002	0.037	0.020
3	4	11	76	0.002	0.003	1.534	1.491	0.001	0.002	0.050	0.020
4	4	11	76	0.002	0.003	1.479	1.475	0.001	0.002	0.294	0.018
5	4	11	76	0.002	0.003	1.472	1.477	0.001	0.003	0.084	0.012
6	4	11	76	0.002	0.003	1.504	1.510	0.002	0.004	0.123	0.010
7	4	11	76	0.002	0.003	1.497	1.505	0.002	0.003	0.077	0.011
8	4	11	76	0.002	0.003	1.485	1.483	0.001	0.002	0.022	0.012
9	4	11	76	0.002	0.010	1.476	1.467	0.002	0.001	0.102	0.020
10	4	11	76	0.002	0.004	1.475	1.457	0.002	0.001	0.0	0.024
11	4	11	76	0.002	0.003	1.470	1.449	0.003	0.001	0.042	0.031
12	4	11	76	0.002	0.003	1.458	1.436	0.003	0.002	0.162	0.035
13	4	11	76	0.002	0.003	1.447	1.427	0.004	0.003	0.0	0.037
14	4	11	76	0.002	0.003	1.419	1.403	0.004	0.003	0.0	0.038
15	4	11	76	0.002	0.003	1.438	1.417	0.005	0.004	0.0	0.036
16	4	11	76	0.002	0.003	1.438	1.412	0.004	0.003	0.0	0.037
17	4	11	76	0.002	0.003	1.495	1.457	0.003	0.002	0.0	0.031
18	4	11	76	0.002	0.003	1.535	1.493	0.001	0.002	0.0	0.024
19	4	11	76	0.002	0.003	1.565	1.520	0.001	0.003	0.0	0.024
20	4	11	76	0.002	0.003	1.578	1.526	0.001	0.003	0.0	0.024
21	4	11	76	0.002	0.003	1.558	1.515	0.001	0.003	0.050	0.025
22	4	11	76	0.002	0.003	1.548	1.524	0.002	0.003	0.0	0.021
23	4	11	76	0.002	0.003	1.532	1.508	0.002	0.004	0.0	0.019

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	5	11	76	0.002	0.003	1.509	1.494	0.001	0.003	0.037	0.020
1	5	11	76	0.002	0.003	1.513	1.503	0.002	0.004	0.074	0.021
2	5	11	76	0.002	0.003	1.513	1.500	0.002	0.005	0.0	0.020
3	5	11	76	0.002	0.003	1.507	1.500	0.004	0.005	0.0	0.018
4	5	11	76	0.002	0.003	1.508	1.506	0.003	0.005	0.0	0.019
5	5	11	76	0.002	0.003	1.504	1.498	0.003	0.005	0.0	0.018
6	5	11	76	0.002	0.004	1.516	1.506	0.003	0.005	0.0	0.021
7	5	11	76	0.002	0.003	1.525	1.508	0.002	0.005	0.0	0.020
8	5	11	76	0.002	0.003	1.514	1.494	0.002	0.004	0.113	0.020
9	5	11	76	0.002	0.003	1.494	1.477	0.001	0.002	0.173	0.026
10	5	11	76	0.002	0.003	1.477	1.456	0.003	0.002	0.052	0.033
11	5	11	76	0.002	0.003	1.459	1.443	0.001	0.001	0.0	0.036
12	5	11	76	0.002	0.003	99.000	99.000	0.002	0.001	0.025	0.038
13	5	11	76	0.002	0.003	99.000	99.000	0.002	0.001	0.0	0.039
14	5	11	76	0.002	0.002	99.000	99.000	0.003	0.002	0.036	0.040
15	5	11	76	0.002	0.002	99.000	99.000	0.004	0.003	0.0	0.039
16	5	11	76	0.002	0.003	99.000	99.000	0.004	0.003	0.0	0.039
17	5	11	76	0.002	0.003	99.000	99.000	0.003	0.002	0.0	0.034
18	5	11	76	0.002	0.003	1.476	1.466	0.004	0.002	0.0	0.025
19	5	11	76	0.002	0.003	1.559	1.530	0.003	0.004	0.0	0.025
20	5	11	76	0.002	0.003	1.588	1.553	0.002	0.005	0.0	0.026
21	5	11	76	0.002	0.003	1.563	1.533	0.002	0.004	0.004	0.025
22	5	11	76	0.002	0.003	1.550	1.522	0.002	0.003	0.0	0.026
23	5	11	76	0.002	0.003	1.548	1.523	0.003	0.005	0.0	0.024

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	6	11	76	0.002	0.003	1.545	1.535	0.003	0.005	0.024	0.021
1	6	11	76	0.002	0.003	1.584	1.556	0.003	0.005	0.184	0.020
2	6	11	76	0.002	0.003	1.555	1.539	0.003	0.005	0.114	0.020
3	6	11	76	0.002	0.003	1.567	1.534	0.003	0.005	0.157	0.020
4	6	11	76	0.002	0.003	1.526	1.522	0.003	0.005	0.233	0.020
5	6	11	76	0.002	0.003	1.532	1.529	0.003	0.005	0.081	0.020
6	6	11	76	0.002	0.003	1.532	1.544	0.002	0.005	0.014	0.019
7	6	11	76	0.002	0.003	1.503	1.511	0.003	0.005	0.078	0.019
8	6	11	76	0.002	0.003	1.495	1.497	0.002	0.004	0.227	0.021
9	6	11	76	0.002	0.003	1.498	1.483	0.001	0.003	0.114	0.027
10	6	11	76	0.002	0.003	1.503	1.468	0.001	0.002	0.036	0.033
11	6	11	76	0.003	0.003	1.488	1.464	0.001	0.002	0.189	0.034
12	6	11	76	0.002	0.003	1.478	1.456	0.001	0.001	0.166	0.037
13	6	11	76	0.002	0.003	1.448	1.437	0.001	0.001	0.311	0.038
14	6	11	76	0.002	0.003	1.427	1.425	0.002	0.001	0.137	0.038
15	6	11	76	0.002	0.003	1.436	1.431	0.001	0.001	0.131	0.038
16	6	11	76	0.002	0.004	1.464	1.460	0.001	0.001	0.128	0.037
17	6	11	76	0.002	0.003	1.484	1.468	0.001	0.002	0.064	0.036
18	6	11	76	0.002	0.003	1.497	1.473	0.001	0.003	0.150	0.034
19	6	11	76	0.002	0.003	1.556	1.551	0.001	0.003	0.115	0.025
20	6	11	76	0.002	0.003	1.529	1.522	0.001	0.003	0.0	0.021
21	6	11	76	0.002	0.003	1.526	1.513	0.001	0.003	0.124	0.023
22	6	11	76	0.002	0.003	1.545	1.530	0.001	0.004	0.128	0.023
23	6	11	76	0.002	0.003	1.538	1.520	0.002	0.004	0.185	0.023

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                           RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                    AIR  QUALITY  DATA
HR DY MO YR      SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++   +----------------------------------------------------------------

    7 11 76    0.002   0.003    1.542   1.526    0.002   0.004    0.021   0.023

 1  7 11 76    0.002   0.003    1.544   1.526    0.002   0.005    0.022   0.023

 2  7 11 76    0.002   0.003    1.551   1.541    0.003   0.005    0.0     0.021

 3  7 11 76    0.002   0.003    1.573   1.563    0.003   0.005    0.048   0.021

 4  7 11 76    0.002   0.003    1.548   1.535    0.003   0.005    0.143   0.021

 5  7 11 76    0.002   0.003    1.553   1.534    0.003   0.005    0.095   0.019

 6  7 11 76    0.002   0.003    1.551   1.528    0.003   0.005    0.189   0.019

 7  7 11 76    0.002   0.003    1.558   1.538    0.003   0.005    0.270   0.020

 8  7 11 76    0.002   0.003    1.535   1.517    0.002   0.004    0.216   0.021

 9  7 11 76    0.002   0.003    1.516   1.497    0.002   0.003    0.074   0.025

10  7 11 76    0.002   0.003    1.513   1.494    0.001   0.002    0.391   0.029

11  7 11 76    0.002   0.003    1.530   1.499    0.001   0.002    0.413   0.031

12  7 11 76    0.002   0.003    1.519   1.487    0.001   0.001    0.213   0.034

13  7 11 76    0.002   0.003    1.496   1.473    0.002   0.001    0.055   0.036

14  7 11 76    0.002   0.003    1.485   1.464    0.003   0.002    0.071   0.039

15  7 11 76    0.002   0.003    1.514   1.498    0.002   0.001    0.101   0.040

16  7 11 76    0.002   0.003    1.514   1.501    0.002   0.001    0.241   0.039

17  7 11 76    0.002   0.003    1.527   1.518    0.001   0.001    0.297   0.033

18  7 11 76    0.002   0.003    1.558   1.539    0.001   0.003    0.405   0.026

19  7 11 76    0.002   0.003    1.532   1.521    0.003   0.005    0.493   0.029

20  7 11 76    0.002   0.003    1.528   1.515    0.003   0.005    0.326   0.030

21  7 11 76    0.002   0.003    1.537   1.529    0.003   0.005    0.543   0.027

22  7 11 76    0.002   0.003    1.560   1.561    0.004   0.006    0.340   0.022

23  7 11 76    0.002   0.005    1.568   1.549    0.003   0.005    0.389   0.023
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	8	11	76	0.002	0.003	1.543	1.530	0.003	0.005	0.464	0.021
1	8	11	76	0.004	0.003	1.552	1.540	0.003	0.005	0.371	0.021
2	8	11	76	0.003	0.003	1.545	1.534	0.003	0.005	0.509	0.020
3	8	11	76	0.002	0.003	1.538	1.523	0.003	0.005	0.373	0.021
4	8	11	76	0.003	0.003	1.549	1.548	0.003	0.005	0.410	0.020
5	8	11	76	0.003	0.003	1.543	1.529	0.003	0.005	0.328	0.020
6	8	11	76	0.002	0.003	1.526	1.513	0.003	0.005	0.432	0.020
7	8	11	76	0.004	0.003	1.539	1.525	0.002	0.005	0.371	0.019
8	8	11	76	0.003	0.003	1.512	1.499	0.002	0.005	0.551	0.019
9	8	11	76	0.002	0.003	1.496	1.483	0.001	0.003	0.675	0.022
10	8	11	76	0.002	0.003	1.501	1.474	0.001	0.002	0.607	0.029
11	8	11	76	0.002	0.003	1.482	1.462	0.001	0.002	0.508	0.032
12	8	11	76	0.002	0.003	1.439	1.431	0.001	0.001	0.554	0.034
13	8	11	76	0.002	0.003	1.430	1.424	0.001	0.001	0.567	0.034
14	8	11	76	0.002	0.003	1.427	1.420	0.001	0.001	0.497	0.034
15	8	11	76	0.002	0.003	1.438	1.431	0.001	0.001	0.507	0.034
16	8	11	76	0.002	0.003	1.439	1.434	0.001	0.001	0.737	0.034
17	8	11	76	0.002	0.003	1.471	1.470	0.001	0.002	0.722	0.028
18	8	11	76	0.002	0.003	1.483	1.477	0.003	0.005	0.686	0.024
19	8	11	76	0.002	0.003	1.508	1.488	0.003	0.005	0.611	0.023
20	8	11	76	0.002	0.003	1.498	1.484	0.003	0.006	0.513	0.021
21	8	11	76	0.002	0.003	1.525	1.509	0.003	0.005	0.584	0.020
22	8	11	76	0.002	0.003	1.540	1.508	0.003	0.004	0.481	0.018
23	8	11	76	0.002	0.003	1.520	1.496	0.003	0.005	0.604	0.022

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	9	11	76	0.002	0.003	1.536	1.512	0.003	0.005	0.745	0.019
1	9	11	76	0.002	0.003	1.567	1.529	0.003	0.005	0.358	0.021
2	9	11	76	0.002	0.003	1.552	1.528	0.002	0.004	0.411	0.020
3	9	11	76	0.002	0.003	1.552	1.522	0.003	0.004	0.579	0.017
4	9	11	76	0.002	0.003	1.540	1.510	0.002	0.004	0.836	0.018
5	9	11	76	0.002	0.003	1.554	1.530	0.003	0.005	0.866	0.017
6	9	11	76	0.002	0.003	1.538	1.508	0.004	0.006	0.758	0.020
7	9	11	76	0.002	0.008	1.517	1.491	0.004	0.006	0.600	0.023
8	9	11	76	0.002	0.004	1.510	1.488	0.003	0.005	0.545	0.024
9	9	11	76	0.002	0.003	1.500	1.471	0.002	0.005	0.662	0.025
10	9	11	76	0.002	0.003	1.517	1.481	0.002	0.004	0.546	0.032
11	9	11	76	0.002	0.003	1.488	1.469	0.002	0.004	0.722	0.034
12	9	11	76	0.002	0.003	1.466	1.435	0.001	0.003	0.596	0.037
13	9	11	76	0.002	0.003	1.438	1.425	0.001	0.002	0.618	0.037
14	9	11	76	0.002	0.003	1.431	1.413	0.0	0.001	0.670	0.037
15	9	11	76	0.002	0.003	1.424	1.410	0.001	0.002	0.401	0.037
16	9	11	76	0.002	0.003	1.425	1.413	0.0	0.001	0.543	0.036
17	9	11	76	0.002	0.003	1.484	1.471	0.001	0.002	0.650	0.030
18	9	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	9	11	76	0.002	0.003	1.556	1.520	0.004	0.007	0.770	0.024
20	9	11	76	0.002	0.003	1.575	1.542	0.004	0.007	0.854	0.025
21	9	11	76	0.002	0.003	1.565	1.534	0.004	0.006	1.037	0.026
22	9	11	76	0.002	0.003	1.542	1.514	0.003	0.005	1.011	0.025
23	9	11	76	0.002	0.003	1.517	1.488	0.002	0.004	0.865	0.023

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                         RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                      AIR   QUALITY  DATA
HR DY MO YR         SO2      H2S       THC     CH4       NOX      NO        CO       O3
++ ++ ++ ++     +-------------------------------------------------------------------------+

 0 10 11 76        0.002    0.003     1.525   1.511     0.004    0.006     0.904    0.021

 1 10 11 76        0.002    0.003     1.522   1.509     0.004    0.006     0.873    0.024

 2 10 11 76        0.002    0.003     1.506   1.488     0.004    0.006     0.736    0.024

 3 10 11 76        0.002    0.003     1.513   1.493     0.004    0.006     0.825    0.023

 4 10 11 76        0.002    0.009     1.527   1.503     0.003    0.005     0.780    0.023

 5 10 11 76        0.002    0.004     1.518   1.495     0.003    0.005     0.250    0.020

 6 10 11 76        0.002    0.003     1.483   1.471     0.003    0.005     0.523    0.021

 7 10 11 76        0.009    0.003     1.513   1.501     0.003    0.005     0.626    0.020

 8 10 11 76        0.003    0.003     1.474   1.458     0.002    0.004     0.754    0.023

 9 10 11 76        0.002    0.003     1.459   1.439     0.002    0.004     0.515    0.027

10 10 11 76        0.002    0.003     1.446   1.430     0.002    0.003     0.629    0.030

11 10 11 76        0.002    0.003     1.446   1.430     0.001    0.002     0.844    0.035

12 10 11 76        0.002    0.003     1.453   1.439     0.001    0.002     0.756    0.036

13 10 11 76        0.003    0.003     1.444   1.430     0.001    0.002     0.767    0.037

14 10 11 76        0.002    0.003     1.436   1.424     0.001    0.003     0.879    0.038

15 10 11 76        0.002    0.003    99.000  99.000     0.001    0.003     1.017    0.038

16 10 11 76        0.002    0.003     1.4 8   1.398     0.002    0.003     1.014    0.038

17 10 11 76        0.002    0.003     1.488   1.455     0.002    0.004     1.107    0.031

18 10 11 76        0.002    0.003     1.487   1.459     0.003    0.005     0.841    0.026

19 10 11 76        0.002    0.003     1.488   1.461     0.003    0.005     0.817    0.024

20 10 11 76        0.002    0.003     1.498   1.473     0.003    0.005     1.014    0.023

21 10 11 76        0.003    0.003     1.485   1.462     0.003    0.005     1.021    0.023

22 10 11 76        0.003    0.003     1.512   1.483     0.003    0.005     0.865    0.024

23 10 11 76        0.002    0.003     1.502   1.476     0.002    0.004     0.672    0.025
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	11	11	76	0.002	0.003	1.528	1.496	0.003	0.005	0.907	0.024
1	11	11	76	0.002	0.003	1.514	1.477	0.003	0.005	0.884	0.020
2	11	11	76	0.002	0.003	1.527	1.494	0.004	0.009	0.599	0.020
3	11	11	76	0.002	0.003	1.559	1.517	0.003	0.006	0.583	0.019
4	11	11	76	0.002	0.003	1.536	1.502	0.003	0.006	0.595	0.016
5	11	11	76	0.002	0.003	1.540	1.506	0.003	0.005	0.649	0.016
6	11	11	76	0.002	0.003	1.548	1.507	0.003	0.005	0.994	0.015
7	11	11	76	0.002	0.003	1.533	1.502	0.003	0.005	0.926	0.014
8	11	11	76	0.002	0.003	1.514	1.482	0.002	0.004	1.080	0.015
9	11	11	76	0.002	0.003	1.491	1.457	0.001	0.003	1.037	0.018
10	11	11	76	0.002	0.003	1.523	1.484	0.001	0.002	1.028	0.023
11	11	11	76	0.002	0.003	1.516	1.475	0.001	0.001	0.948	0.026
12	11	11	76	0.002	0.003	1.487	1.451	0.001	0.001	0.936	0.031
13	11	11	76	0.002	0.003	1.450	1.424	0.001	0.001	0.516	0.033
14	11	11	76	0.002	0.003	1.423	1.408	0.002	0.001	0.745	0.034
15	11	11	76	0.002	0.003	1.426	1.403	0.005	0.001	1.002	0.034
16	11	11	76	0.002	0.003	1.425	1.426	0.002	0.001	1.005	0.033
17	11	11	76	0.002	0.002	1.444	1.433	0.001	0.001	0.936	0.031
18	11	11	76	0.002	0.003	1.463	1.449	0.002	0.003	0.979	0.023
19	11	11	76	0.002	0.003	1.465	1.456	0.001	0.003	0.775	0.022
20	11	11	76	0.002	0.003	1.465	1.461	0.001	0.003	0.910	0.021
21	11	11	76	0.002	0.003	1.463	1.454	0.001	0.002	0.757	0.022
22	11	11	76	0.002	0.003	1.463	1.468	0.002	0.003	0.723	0.022
23	11	11	76	0.002	0.002	1.467	1.460	0.001	0.003	0.501	0.022

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	12	11	76	0.002	0.002	1.475	1.465	0.002	0.004	0.534	0.021
1	12	11	76	0.002	0.003	1.505	1.496	0.002	0.004	0.434	0.020
2	12	11	76	0.002	0.003	1.487	1.477	0.004	0.005	0.568	0.020
3	12	11	76	0.002	0.003	1.501	1.488	0.003	0.005	0.622	0.020
4	12	11	76	0.002	0.002	1.491	1.484	0.003	0.005	0.701	0.021
5	12	11	76	0.002	0.003	1.501	1.486	0.003	0.005	0.738	0.020
6	12	11	76	0.002	0.002	1.522	1.501	0.004	0.006	0.590	0.020
7	12	11	76	0.002	0.002	1.514	1.492	0.004	0.006	0.639	0.021
8	12	11	76	0.001	0.002	1.536	1.492	0.003	0.006	0.311	0.021
9	12	11	76	0.002	0.002	1.506	1.470	0.002	0.004	0.516	0.029
10	12	11	76	0.001	0.002	1.485	1.456	0.002	0.004	0.655	0.032
11	12	11	76	0.001	0.002	1.475	1.449	0.002	0.004	0.460	0.033
12	12	11	76	0.001	0.004	1.473	1.444	0.002	0.003	0.461	0.033
13	12	11	76	0.002	0.003	1.471	1.439	0.001	0.003	0.460	0.034
14	12	11	76	0.002	0.003	1.554	1.446	0.001	0.003	0.680	0.034
15	12	11	76	0.002	0.003	1.487	1.440	0.001	0.003	0.639	0.034
16	12	11	76	0.002	0.003	99.000	99.000	0.002	0.004	0.412	0.034
17	12	11	76	0.002	0.003	99.000	99.000	0.002	0.005	0.364	0.031
18	12	11	76	0.002	0.003	1.482	1.468	0.004	0.006	0.647	0.022
19	12	11	76	0.002	0.003	1.457	1.486	0.004	0.006	0.595	0.022
20	12	11	76	0.002	0.004	1.472	1.473	0.004	0.006	0.459	0.024
21	12	11	76	0.002	0.003	1.501	1.488	0.004	0.006	0.520	0.024
22	12	11	76	0.002	0.003	1.487	1.488	0.004	0.006	0.610	0.024
23	12	11	76	0.002	0.003	1.532	1.521	0.004	0.006	0.707	0.022

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                        RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                     AIR  QUALITY  DATA
HR DY MO YR      SO2      H2S      THC     CH4      NOX      NO       CO      O3
++ ++ ++ ++    +---------------------------------------------------------------+

 0 13 11 76     0.002    0.007    1.511   1.512    0.005    0.007    0.908   0.023
 1 13 11 76     0.002    0.004    1.499   1.491    0.005    0.007    0.594   0.023
 2 13 11 76     0.002    0.003    1.495   1.483    0.005    0.008    0.828   0.021
 3 13 11 76     0.002    0.003    1.471   1.462    0.003    0.006    0.713   0.018
 4 13 11 76     0.002    0.003    1.508   1.491    0.004    0.006    0.719   0.017
 5 13 11 76     0.002    0.003    1.474   1.461    0.003    0.006    0.643   0.019
 6 13 11 76     0.002    0.003    1.496   1.478    0.003    0.005    0.614   0.017
 7 13 11 76     0.002    0.003    1.472   1.446    0.003    0.005    0.703   0.018
 8 13 11 76     0.002    0.003    1.543   1.525    0.002    0.004    0.663   0.015
 9 13 11 76     0.002    0.003    1.475   1.449    0.002    0.004    0.516   0.021
10 13 11 76     0.002    0.003    1.481   1.465    0.002    0.003    0.700   0.030
11 13 11 76     0.002    0.003    1.524   1.502    0.001    0.002    0.924   0.033
12 13 11 76     0.002    0.003    1.526   1.491    0.001    0.001    0.966   0.032
13 13 11 76     0.002    0.003    1.535   1.499    0.001    0.001    0.845   0.032
14 13 11 76     0.002    0.003    1.525   1.494    0.001    0.001    0.899   0.034
15 13 11 76     0.002    0.003    1.511   1.481    0.002    0.001    0.764   0.035
16 13 11 76     0.002    0.003    [illegible]   1.473    0.001    0.001    0.769   0.034
17 13 11 76     0.002    0.004    [illegible]   1.472    0.001    0.001    0.657   0.033
18 13 11 76     0.002    0.003    1.526   1.497    0.001    0.002    0.732   0.027
19 13 11 76     0.004    0.003    1.532   1.500    0.001    0.003    0.598   0.022
20 13 11 76     0.002    0.003    1.603   1.567    0.002    0.004    0.542   0.017
21 13 11 76     0.002    0.003    1.635   1.599    0.001    0.004    0.427   0.018
22 13 11 76     0.002    0.003    1.548   1.505    0.001    0.002    0.616   0.022
23 13 11 76     0.002    0.003    1.574   1.533    0.001    0.003    0.571   0.018
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	14	11	76	0.002	0.003	1.548	1.513	0.001	0.003	0.817	0.015
1	14	11	76	0.002	0.003	1.558	1.528	0.001	0.003	0.882	0.014
2	14	11	76	0.003	0.003	1.521	1.498	0.001	0.003	0.805	0.014
3	14	11	76	0.002	0.003	1.504	1.484	0.001	0.002	0.806	0.021
4	14	11	76	0.002	0.003	1.478	1.460	0.001	0.001	0.812	0.022
5	14	11	76	0.002	0.003	1.511	1.489	0.001	0.002	0.697	0.016
6	14	11	76	0.002	0.003	1.527	1.501	0.002	0.004	0.601	0.011
7	14	11	76	0.002	0.003	1.517	1.494	0.002	0.004	0.718	0.011
8	14	11	76	0.002	0.003	1.496	1.478	0.001	0.002	0.831	0.014
9	14	11	76	0.002	0.004	1.493	1.314	0.003	0.002	0.763	0.025
10	14	11	76	0.002	0.004	1.425	1.397	0.002	0.001	0.825	0.032
11	14	11	76	0.002	0.003	1.448	1.432	0.002	0.001	0.820	0.034
12	14	11	76	0.002	0.003	1.451	1.436	0.001	0.001	0.777	0.037
13	14	11	76	0.002	0.003	1.438	1.424	0.001	0.001	0.761	0.037
14	14	11	76	0.002	0.003	1.448	1.427	0.001	0.001	0.792	0.037
15	14	11	76	0.002	0.003	1.435	1.417	0.001	0.001	0.900	0.038
16	14	11	76	0.002	0.003	1.447	1.435	0.001	0.001	0.754	0.037
17	14	11	76	0.002	0.003	1.468	1.449	0.001	0.001	0.687	0.032
18	14	11	76	0.002	0.003	1.558	1.528	0.001	0.001	0.527	0.024
19	14	11	76	0.002	0.003	1.491	1.471	0.002	0.004	0.618	0.026
20	14	11	76	0.002	0.003	1.472	1.453	0.002	0.001	0.738	0.027
21	14	11	76	0.002	0.003	1.484	1.472	0.001	0.001	0.599	0.024
22	14	11	76	0.002	0.003	1.524	1.499	0.001	0.002	0.791	0.022
23	14	11	76	0.002	0.003	1.539	1.519	0.001	0.003	0.926	0.014

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	15	11	76	0.002	0.003	1.508	1.484	0.001	0.003	0.854	0.016
1	15	11	76	0.002	0.003	1.488	1.465	0.002	0.004	0.376	0.020
2	15	11	76	0.002	0.003	1.490	1.473	0.002	0.004	0.862	0.022
3	15	11	76	0.002	0.003	1.495	1.476	0.003	0.005	0.916	0.021
4	15	11	76	0.002	0.003	1.476	1.470	0.003	0.005	0.709	0.022
5	15	11	76	0.002	0.003	1.474	1.472	0.003	0.005	0.854	0.021
6	15	11	76	0.002	0.003	1.479	1.475	0.004	0.006	0.644	0.019
7	15	11	76	0.002	0.003	1.516	1.502	0.004	0.006	0.436	0.018
8	15	11	76	0.002	0.003	1.479	1.473	0.003	0.005	0.663	0.021
9	15	11	76	0.002	0.003	1.468	1.455	0.001	0.002	0.734	0.024
10	15	11	76	0.002	0.004	1.458	1.441	0.001	0.001	0.789	0.034
11	15	11	76	0.002	0.003	1.449	1.438	0.001	0.001	0.909	0.036
12	15	11	76	0.002	0.003	1.439	1.427	0.001	0.001	0.697	0.036
13	15	11	76	0.002	0.003	1.432	1.418	0.001	0.001	0.605	0.037
14	15	11	76	0.002	0.003	1.429	1.416	0.001	0.001	0.584	0.037
15	15	11	76	0.004	0.003	1.425	1.414	0.001	0.002	0.702	0.038
16	15	11	76	0.002	0.003	1.447	1.445	0.001	0.002	0.641	0.037
17	15	11	76	0.002	0.003	1.452	1.441	0.002	0.004	1.113	0.034
18	15	11	76	0.002	0.003	1.480	1.464	0.003	0.005	0.837	0.025
19	15	11	76	0.002	0.003	1.487	1.470	0.003	0.005	0.936	0.024
20	15	11	76	0.002	0.003	1.472	1.462	0.003	0.006	0.698	0.026
21	15	11	76	0.002	0.003	1.468	1.460	0.003	0.005	0.753	0.026
22	15	11	76	0.002	0.003	1.460	1.454	0.003	0.005	0.593	0.027
23	15	11	76	0.002	0.003	1.477	1.464	0.003	0.005	0.736	0.027

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	16	11	76	0.002	0.003	1.506	1.490	0.003	0.006	0.974	0.026
1	16	11	76	0.002	0.003	1.571	1.543	0.002	0.004	1.010	0.028
2	16	11	76	0.002	0.003	1.575	1.556	0.002	0.004	0.962	0.026
3	16	11	76	0.002	0.003	1.574	1.555	0.002	0.004	0.796	0.021
4	16	11	76	0.002	0.003	1.543	1.519	0.001	0.002	0.880	0.016
5	16	11	76	0.002	0.003	1.500	1.476	0.001	0.002	0.943	0.016
6	16	11	76	0.002	0.003	1.488	1.463	0.004	0.002	0.899	0.018
7	16	11	76	0.002	0.003	1.480	1.466	0.001	0.002	0.645	0.019
8	16	11	76	0.002	0.003	1.477	1.466	0.001	0.001	0.809	0.017
9	16	11	76	0.002	0.003	1.476	1.461	0.001	0.001	0.851	0.024
10	16	11	76	0.002	0.003	1.473	1.457	0.001	0.001	0.864	0.028
11	16	11	76	0.002	0.004	1.472	1.451	0.001	0.001	0.834	0.032
12	16	11	76	0.002	0.003	1.462	1.446	0.001	0.001	0.893	0.034
13	16	11	76	0.002	0.003	1.454	1.436	0.001	0.001	0.925	0.036
14	16	11	76	0.002	0.003	1.456	1.441	0.001	0.002	0.924	0.037
15	16	11	76	0.002	0.003	1.462	1.449	0.001	0.001	0.630	0.037
16	16	11	76	0.002	0.003	1.474	1.456	0.001	0.001	0.830	0.036
17	16	11	76	0.002	0.003	1.461	1.448	0.001	0.002	0.822	0.029
18	16	11	76	0.002	0.003	1.505	1.490	0.002	0.003	0.643	0.024
19	16	11	76	0.002	0.003	1.493	1.482	0.002	0.004	0.723	0.023
20	16	11	76	0.002	0.003	1.518	1.503	0.003	0.005	0.547	0.022
21	16	11	76	0.002	0.003	1.515	1.499	0.002	0.004	0.783	0.023
22	16	11	76	0.002	0.003	1.503	1.488	0.002	0.005	0.726	0.020
23	16	11	76	0.002	0.003	1.512	1.498	0.003	0.005	1.020	0.017

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	17	11	76	0.002	0.003	1.521	1.501	0.004	0.006	1.065	0.016
1	17	11	76	0.002	0.003	1.524	1.507	0.005	0.006	1.110	0.015
2	17	11	76	0.002	0.003	1.536	1.510	0.004	0.006	1.121	0.014
3	17	11	76	0.002	0.003	1.556	1.539	0.004	0.006	1.207	0.014
4	17	11	76	0.002	0.003	1.548	1.531	0.004	0.006	0.981	0.013
5	17	11	76	0.002	0.003	1.549	1.532	0.004	0.006	1.045	0.012
6	17	11	76	0.002	0.003	1.532	1.525	0.004	0.006	1.057	0.012
7	17	11	76	0.002	0.003	1.548	1.535	0.004	0.006	0.791	0.012
8	17	11	76	0.002	0.003	1.519	1.507	0.002	0.004	0.818	0.012
9	17	11	76	0.002	0.003	1.510	1.488	0.001	0.002	0.808	0.019
10	17	11	76	0.002	0.003	1.496	1.474	0.001	0.001	0.682	0.024
11	17	11	76	0.002	0.003	1.479	1.464	0.0	0.001	0.867	0.029
12	17	11	76	0.002	0.003	1.493	1.473	0.001	0.001	0.601	0.031
13	17	11	76	0.002	0.003	1.523	1.464	0.001	0.001	0.580	0.031
14	17	11	76	0.002	0.003	1.488	1.443	0.003	0.002	0.714	0.032
15	17	11	76	0.002	0.003	1.461	1.437	0.003	0.002	0.683	0.032
16	17	11	76	0.002	0.003	1.448	1.431	0.003	0.002	0.631	0.031
17	17	11	76	0.002	0.003	1.507	1.455	0.002	0.001	0.888	0.028
18	17	11	76	0.002	0.003	1.501	1.476	0.002	0.003	0.993	0.020
19	17	11	76	0.002	0.003	1.513	1.493	0.002	0.004	0.778	0.019
20	17	11	76	0.002	0.003	1.517	1.498	0.002	0.004	0.959	0.018
21	17	11	76	0.002	0.003	1.524	1.507	0.002	0.004	0.719	0.017
22	17	11	76	0.002	0.003	1.524	1.506	0.003	0.005	1.147	0.015
23	17	11	76	0.002	0.003	[illegible]	1.487	0.003	0.005	1.281	0.015

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	18	11	76	0.002	0.003	1.500	1.484	0.003	0.005	1.124	0.014
1	18	11	76	0.002	0.003	1.514	1.484	0.003	0.005	0.748	0.014
2	18	11	76	0.002	0.003	1.526	1.499	0.003	0.005	0.896	0.014
3	18	11	76	0.002	0.003	1.532	1.508	0.003	0.005	1.123	0.014
4	18	11	76	0.002	0.003	1.54[illegible]	1.513	0.002	0.004	1.170	0.013
5	18	11	76	0.002	0.003	1.509	1.483	0.001	0.003	0.983	0.013
6	18	11	76	0.002	0.003	1.498	1.475	0.002	0.003	0.938	0.014
7	18	11	76	0.002	0.003	1.502	1.481	0.002	0.003	0.510	0.012
8	18	11	76	0.002	0.003	1.477	1.459	0.001	0.002	0.603	0.016
9	18	11	76	0.002	0.003	1.471	1.455	0.0	0.001	0.733	0.018
10	18	11	76	0.002	0.003	1.472	1.449	0.001	0.001	0.674	0.021
11	18	11	76	0.002	0.003	1.457	1.449	0.001	0.001	0.906	0.024
12	18	11	76	0.002	0.003	1.472	1.451	0.001	0.001	0.690	0.027
13	18	11	76	0.002	0.003	1.458	1.441	0.001	0.001	0.761	0.028
14	18	11	76	0.002	0.003	1.420	1.404	0.002	0.002	0.846	0.029
15	18	11	76	0.002	0.003	1.401	1.390	0.004	0.003	1.011	0.029
16	18	11	76	0.002	0.003	1.398	1.386	0.003	0.003	0.882	0.029
17	18	11	76	0.002	0.003	1.457	1.428	0.002	0.002	0.788	0.021
18	13	11	76	0.002	0.003	1.455	1.434	0.001	0.002	0.756	0.019
19	18	11	76	0.002	0.003	1.502	1.465	0.001	0.003	0.801	0.019
20	18	11	76	0.002	0.003	1.561	1.502	0.001	0.004	0.769	0.019
21	18	11	76	0.002	0.003	1.604	1.533	0.001	0.004	0.955	0.018
22	18	11	76	0.002	0.003	1.597	1.527	0.001	0.003	1.138	0.019
23	18	11	76	0.002	0.003	1.546	1.497	0.002	0.004	1.157	0.019

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	19	11	76	0.002	0.003	1.524	1.489	0.002	0.003	1.135	0.016
1	19	11	76	0.002	0.003	1.528	1.486	0.002	0.004	1.136	0.013
2	19	11	76	0.002	0.003	1.513	1.482	0.003	0.005	1.150	0.013
3	19	11	76	0.002	0.003	1.507	1.473	0.003	0.005	1.180	0.015
4	19	11	76	0.002	0.003	1.508	1.478	0.003	0.005	1.153	0.014
5	19	11	76	0.002	0.003	1.502	1.473	0.003	0.005	1.174	0.014
6	19	11	76	0.002	0.003	1.512	1.474	0.003	0.005	1.158	0.012
7	19	11	76	0.002	0.003	1.518	1.487	0.004	0.006	1.189	0.010
8	19	11	76	0.002	0.003	1.503	1.470	0.002	0.004	1.157	0.012
9	19	11	76	0.002	0.003	1.489	1.456	0.001	0.002	1.090	0.017
10	19	11	76	0.002	0.003	1.495	1.461	0.001	0.001	1.078	0.020
11	19	11	76	0.002	0.003	1.508	1.472	0.002	0.001	1.088	0.024
12	19	11	76	0.002	0.003	1.494	1.452	0.002	0.001	1.046	0.027
13	19	11	76	0.002	0.003	1.439	1.428	0.002	0.001	1.013	0.027
14	19	11	76	0.002	0.003	99.000	99.000	0.002	0.002	0.998	0.029
15	19	11	76	0.002	0.003	99.000	99.000	0.003	0.002	0.843	0.033
16	19	11	76	0.002	0.003	1.404	1.386	0.002	0.001	0.881	0.034
17	19	11	76	0.002	0.003	1.439	1.419	0.001	0.002	0.885	0.030
18	19	11	76	0.002	0.003	1.486	1.465	0.002	0.004	0.913	0.022
19	19	11	76	0.002	0.003	1.498	1.470	0.003	0.005	0.786	0.022
20	19	11	76	0.002	0.003	1.498	1.469	0.002	0.005	0.601	0.023
21	19	11	76	0.002	0.003	1.495	1.466	0.003	0.005	0.915	0.022
22	19	11	76	0.002	0.003	1.503	1.473	0.003	0.005	0.637	0.022
23	19	11	76	0.002	0.003	1.525	1.486	0.003	0.005	0.520	0.021

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	20	11	76	0.002	0.003	1.537	1.499	0.003	0.005	0.880	0.021
1	20	11	76	0.002	0.003	1.555	1.510	0.003	0.005	1.092	0.020
2	20	11	76	0.002	0.003	1.578	1.526	0.002	0.005	1.122	0.019
3	20	11	76	0.002	0.003	1.571	1.519	0.002	0.004	1.095	0.021
4	20	11	76	0.002	0.003	1.536	1.492	0.002	0.004	1.093	0.021
5	20	11	76	0.002	0.003	1.512	1.473	0.002	0.004	1.066	0.021
6	20	11	76	0.002	0.003	1.519	1.478	0.002	0.004	1.105	0.021
7	20	11	76	0.002	0.003	1.494	1.462	0.002	0.004	1.108	0.018
8	20	11	76	0.002	0.003	1.506	1.473	0.002	0.003	1.102	0.020
9	20	11	76	0.003	0.003	1.493	1.451	0.001	0.002	1.058	0.025
10	20	11	76	0.002	0.003	1.496	1.461	0.001	0.002	1.019	0.026
11	20	11	76	0.002	0.003	1.526	1.485	0.0	0.002	1.039	0.027
12	20	11	76	0.002	0.003	1.509	1.474	0.0	0.001	1.022	0.030
13	20	11	76	0.002	0.003	1.514	1.481	0.001	0.002	1.034	0.033
14	20	11	76	0.002	0.003	1.489	1.460	0.001	0.002	1.110	0.036
15	20	11	76	0.002	0.003	1.472	1.451	0.001	0.002	1.078	0.039
16	20	11	76	0.002	0.003	1.491	1.471	0.001	0.002	0.998	0.036
17	20	11	76	0.002	0.003	1.509	1.475	0.002	0.004	0.935	0.027
18	20	11	76	99.000	99.000	99.000	99.000	99.000	99.000	99.000	99.000
19	20	11	76	0.002	0.003	1.516	1.481	0.002	0.004	1.029	0.027
20	20	11	76	0.002	0.003	1.498	1.474	0.004	0.006	1.113	0.027
21	20	11	76	0.002	0.003	1.514	1.484	0.004	0.006	0.914	0.027
22	20	11	76	0.002	0.003	1.510	1.485	0.004	0.006	0.822	0.027
23	20	11	76	0.002	0.003	1.531	1.500	0.004	0.006	0.728	0.022

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	21	11	76	0.002	0.003	1.567	1.520	0.003	0.006	0.735	0.020
1	21	11	76	0.002	0.003	1.547	1.520	0.004	0.006	0.707	0.021
2	21	11	76	0.002	0.003	1.538	1.509	0.004	0.006	0.672	0.019
3	21	11	76	0.002	0.003	1.534	1.512	0.004	0.007	0.840	0.020
4	21	11	76	0.002	0.003	1.523	1.506	0.005	0.007	0.785	0.020
5	21	11	76	0.002	0.003	1.542	1.506	0.005	0.007	0.853	0.019
6	21	11	76	0.002	0.003	1.547	1.518	0.005	0.007	0.883	0.017
7	21	11	76	0.002	0.003	1.538	1.511	0.005	0.008	0.866	0.020
8	21	11	76	0.002	0.003	1.528	1.499	0.004	0.007	0.728	0.020
9	21	11	76	0.002	0.003	1.507	1.477	0.002	0.004	0.815	0.024
10	21	11	76	0.002	0.003	1.505	1.478	0.002	0.005	0.763	0.027
11	21	11	76	0.001	0.002	1.510	1.488	0.002	0.004	0.742	0.031
12	21	11	76	0.002	0.003	1.510	1.475	0.001	0.004	0.568	0.033
13	21	11	76	0.002	0.003	1.480	1.457	0.002	0.004	0.865	0.036
14	21	11	76	0.002	0.003	1.475	1.450	0.002	0.004	0.787	0.037
15	21	11	76	0.002	0.003	1.497	1.451	0.003	0.004	0.649	0.037
16	21	11	76	0.002	0.003	1.501	1.463	0.002	0.004	0.578	0.037
17	21	11	76	0.002	0.003	1.545	1.512	0.003	0.005	0.573	0.029
18	21	11	76	0.002	0.003	1.498	1.478	0.004	0.007	0.567	0.025
19	21	11	76	0.002	0.003	1.501	1.482	0.005	0.008	0.494	0.025
20	21	11	76	0.002	0.003	1.509	1.485	0.005	0.008	0.561	0.025
21	21	11	76	0.002	0.003	1.512	1.484	0.005	0.007	0.508	0.025
22	21	11	76	0.002	0.003	1.517	1.506	0.005	0.007	0.639	0.021
23	21	11	76	0.002	0.003	1.540	1.516	0.005	0.007	0.417	0.021

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	22	11	76	0.002	0.003	1.546	1.519	0.005	0.007	0.404	0.019
1	22	11	76	0.002	0.003	1.546	1.519	0.005	0.007	0.630	0.021
2	22	11	76	0.002	0.003	1.539	1.509	0.005	0.007	0.648	0.024
3	22	11	76	0.002	0.003	1.533	1.513	0.004	0.007	0.628	0.022
4	22	11	76	0.002	0.003	1.513	1.493	0.004	0.006	0.346	0.023
5	22	11	76	0.002	0.003	1.519	1.483	0.004	0.006	0.837	0.021
6	22	11	76	0.002	0.003	1.488	1.471	0.004	0.006	0.990	0.020
7	22	11	76	0.002	0.003	1.494	1.481	0.004	0.006	0.805	0.018
8	22	11	76	0.002	0.003	1.481	1.465	0.003	0.005	0.885	0.019
9	22	11	76	0.002	0.003	1.484	1.469	0.002	0.004	0.935	0.023
10	22	11	76	0.002	0.003	1.496	1.477	0.002	0.004	0.907	0.028
11	22	11	76	0.002	0.003	1.563	1.531	0.002	0.004	0.706	0.031
12	22	11	76	0.002	0.003	1.543	1.507	0.002	0.004	0.784	0.033
13	22	11	76	0.002	0.003	1.481	1.454	0.001	0.002	0.713	0.036
14	22	11	76	0.002	0.003	1.480	1.450	0.001	0.002	0.652	0.038
15	22	11	76	0.002	0.003	1.478	1.449	0.001	0.002	0.468	0.038
16	22	11	76	0.002	0.003	1.480	1.452	0.001	0.002	0.522	0.037
17	22	11	76	0.002	0.003	1.515	1.481	0.002	0.003	0.455	0.032
18	22	11	76	0.002	0.003	1.541	1.506	0.003	0.005	0.473	0.026
19	22	11	76	0.002	0.003	1.508	1.486	0.003	0.005	0.714	0.026
20	22	11	76	0.002	0.003	1.501	1.486	0.003	0.006	0.619	0.023
21	22	11	76	0.002	0.003	1.498	1.480	0.004	0.006	0.526	0.023
22	22	11	76	0.002	0.003	1.528	1.488	0.003	0.006	0.433	0.021
23	22	11	76	0.002	0.003	1.527	1.498	0.004	0.006	0.668	0.020

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	23	11	76	0.002	0.003	1.528	1.494	0.004	0.006	0.641	0.023
1	23	11	76	0.002	0.003	1.583	1.520	0.004	0.006	0.531	0.023
2	23	11	76	0.002	0.003	1.586	1.523	0.004	0.007	0.485	0.023
3	23	11	76	0.002	0.003	1.549	1.505	0.004	0.006	0.453	0.023
4	23	11	76	0.002	0.003	1.517	1.494	0.004	0.006	0.498	0.023
5	23	11	76	0.002	0.003	1.509	1.486	0.004	0.006	0.735	0.022
6	23	11	76	0.002	0.003	1.505	1.485	0.004	0.006	0.751	0.021
7	23	11	76	0.002	0.003	1.503	1.485	0.004	0.006	0.717	0.021
8	23	11	76	0.002	0.002	1.508	1.489	0.004	0.006	0.974	0.018
9	23	11	76	0.002	0.003	1.504	1.484	0.002	0.004	0.832	0.024
10	23	11	76	0.002	0.002	1.491	1.465	0.001	0.002	0.705	0.026
11	23	11	76	0.002	0.003	1.519	1.459	0.001	0.002	0.829	0.030
12	23	11	76	0.002	0.003	1.499	1.468	0.001	0.001	0.942	0.034
13	23	11	76	0.002	0.003	1.479	1.446	0.001	0.002	0.989	0.035
14	23	11	76	0.002	0.003	1.468	1.439	0.0[illegible]	0.001	0.974	0.036
15	23	11	76	0.002	0.003	1.465	1.441	0.001	0.002	0.846	0.038
16	23	11	76	0.002	0.003	1.468	1.447	0.001	0.002	0.805	0.038
17	23	11	76	0.002	0.003	1.579	1.563	0.002	0.004	0.902	0.032
18	23	11	76	0.002	0.003	1.542	1.518	0.004	0.006	0.831	0.024
19	23	11	76	0.002	0.002	1.549	1.523	0.005	0.007	0.782	0.022
20	23	11	76	0.002	0.002	1.550	1.523	0.005	0.007	0.792	0.024
21	23	11	76	0.002	0.003	1.551	1.526	0.004	0.007	0.808	0.024
22	23	11	76	0.002	0.003	1.542	1.517	0.004	0.007	0.615	0.024
23	23	11	76	0.002	0.003	1.539	1.510	0.004	0.006	0.668	0.024

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	24	11	76	0.002	0.003	1.549	1.517	0.005	0.007	0.622	0.023
1	24	11	76	0.002	0.003	1.524	1.499	0.005	0.007	0.852	0.023
2	24	11	76	0.002	0.003	1.526	1.504	0.005	0.007	0.503	0.020
3	24	11	76	0.002	0.003	1.523	1.503	0.005	0.007	0.544	0.018
4	24	11	76	0.002	0.003	1.525	1.502	0.005	0.007	0.474	0.021
5	24	11	76	0.002	0.003	1.525	1.508	0.004	0.007	0.618	0.021
6	24	11	76	0.002	0.003	1.512	1.495	0.004	0.006	0.845	0.021
7	24	11	76	0.002	0.003	1.513	1.499	0.004	0.006	0.951	0.021
8	24	11	76	0.002	0.003	1.519	1.503	0.004	0.006	0.734	0.019
9	24	11	76	0.002	0.003	1.502	1.481	0.003	0.005	0.598	0.025
10	24	11	76	0.002	0.003	1.492	1.471	0.002	0.004	0.652	0.030
11	24	11	76	0.002	0.003	1.485	1.463	0.002	0.003	0.752	0.033
12	24	11	76	0.002	0.003	1.472	1.449	0.001	0.003	0.797	0.037
13	24	11	76	0.002	0.003	1.449	1.436	0.002	0.004	0.765	0.039
14	24	11	76	0.002	0.003	1.444	1.424	0.001	0.002	0.828	0.039
15	24	11	76	0.002	0.003	1.447	1.424	0.001	0.002	0.675	0.039
16	24	11	76	0.002	0.003	1.46[illegible]	1.442	0.001	0.002	0.619	0.038
17	24	11	76	0.002	0.003	1.47[illegible]	1.454	0.002	0.004	0.637	0.030
18	24	11	76	0.002	0.003	1.472	1.453	0.004	0.005	0.919	0.027
19	24	11	76	0.002	0.003	1.481	1.470	0.004	0.006	1.053	0.026
20	24	11	76	0.002	0.003	1.481	1.472	0.004	0.006	1.075	0.025
21	24	11	76	0.002	0.003	1.479	1.467	0.003	0.005	1.062	0.022
22	24	11	76	0.002	0.003	1.474	1.461	0.003	0.005	0.949	0.021
23	24	11	76	0.002	0.003	1.471	1.462	0.004	0.005	0.841	0.021

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	25	11	76	0.002	0.003	1.477	1.460	0.004	0.005	0.816	0.023
1	25	11	76	0.002	0.003	1.474	1.461	0.004	0.006	0.865	0.022
2	25	11	76	0.002	0.003	1.473	1.461	0.004	0.006	0.867	0.021
3	25	11	76	0.002	0.003	1.472	1.461	0.004	0.006	0.733	0.024
4	25	11	76	0.002	0.003	1.516	1.480	0.003	0.005	0.648	0.024
5	25	11	76	0.002	0.003	1.492	1.473	0.003	0.005	0.659	0.024
6	25	11	76	0.002	0.003	1.504	1.488	0.003	0.005	0.600	0.021
7	25	11	76	0.002	0.003	1.473	1.469	0.004	0.006	0.599	0.021
8	25	11	76	0.002	0.003	1.468	1.454	0.003	0.005	0.634	0.021
9	25	11	76	0.002	0.003	1.465	1.440	0.003	0.004	0.562	0.023
10	25	11	76	0.002	0.002	1.458	1.436	0.002	0.004	0.555	0.027
11	25	11	76	0.002	0.002	1.460	1.438	0.002	0.003	0.776	0.031
12	25	11	76	0.002	0.002	1.450	1.428	0.001	0.003	0.780	0.032
13	25	11	76	0.002	0.003	1.437	1.414	0.001	0.003	0.704	0.033
14	25	11	76	0.002	0.003	1.429	1.409	0.002	0.003	0.726	0.034
15	25	11	76	0.002	0.003	1.433	1.411	0.002	0.004	0.667	0.034
16	25	11	76	0.002	0.002	1.433	1.416	0.002	0.004	0.583	0.034
17	25	11	76	0.002	0.003	1.465	1.442	0.003	0.005	0.476	0.032
18	25	11	76	0.002	0.003	1.480	1.455	0.004	0.006	0.637	0.030
19	25	11	76	0.002	0.003	1.465	1.444	0.004	0.007	0.683	0.034
20	25	11	76	0.002	0.003	1.460	1.442	0.004	0.007	0.593	0.033
21	25	11	76	0.002	0.003	1.478	1.456	0.004	0.006	0.664	0.027
22	25	11	76	0.002	0.003	1.484	1.469	0.004	0.006	0.804	0.024
23	25	11	76	0.002	0.002	1.469	1.453	0.004	0.006	0.763	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

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HR DY MO YR      SO2     H2S      THC     CH4      NOX     NO       CO      O3
++ ++ ++ ++    +-----------------------------------------------------------------+

 0 26 11 76    0.002   0.002    1.459   1.438    0.003   0.005    0.771   0.031
 1 26 11 76    0.002   0.002    1.456   1.438    0.001   0.002    0.596   0.033
 2 26 11 76    0.002   0.002    1.462   1.450    0.001   0.001    0.599   0.027
 3 26 11 76    0.002   0.003    1.485   1.458    0.001   0.001    0.592   0.025
 4 26 11 76    0.002   0.003    1.459   1.445    0.001   0.003    0.686   0.033
 5 26 11 76    0.002   0.003    1.474   1.448    0.001   0.003    0.624   0.033
 6 26 11 76    0.002   0.003    1.488   1.465    0.001   0.003    0.656   0.027
 7 26 11 76    0.002   0.002    1.485   1.463    0.002   0.004    0.631   0.030
 8 26 11 76    0.002   0.003    1.486   1.459    0.002   0.004    0.601   0.030
 9 26 11 76    0.002   0.003    1.479   1.457    0.002   0.004    0.711   0.031
10 26 11 76    0.002   0.002    1.473   1.457    0.002   0.005    0.559   0.031
11 26 11 76    0.002   0.003    1.485   1.461    0.002   0.005    0.591   0.031
12 26 11 76    0.002   0.003    1.490   1.465    0.003   0.005    0.630   0.031
13 26 11 76    0.002   0.003    1.496   1.470    0.002   0.004    0.738   0.030
14 26 11 76    0.002   0.003    1.500   1.466    0.002   0.004    0.785   0.030
15 26 11 76    0.002   0.003    1.497   1.465    0.002   0.004    0.681   0.030
16 26 11 76    0.002   0.003    1.502   1.468    0.003   0.005    0.480   0.030
17 26 11 76    0.002   0.003    1.502   1.471    0.004   0.006    0.500   0.031
18 26 11 76    0.002   0.003    1.510   1.481    0.004   0.009    0.561   0.031
19 26 11 76    0.002   0.003    1.516   1.489    0.005   0.007    0.664   0.031
20 26 11 76    0.002   0.003    1.523   1.492    0.005   0.007    0.465   0.031
21 26 11 76    0.002   0.003    1.517   1.491    0.005   0.008    0.695   0.029
22 26 11 76    0.002   0.003    1.515   1.495    0.005   0.008    0.797   0.027
23 26 11 76    0.002   0.003    1.537   1.500    0.006   0.009    0.862   0.028
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RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	27	11	76	0.002	0.003	1.546	1.507	0.006	0.008	0.847	0.030
1	27	11	76	0.002	0.003	1.558	1.508	0.006	0.009	0.843	0.031
2	27	11	76	0.002	0.003	1.543	1.505	0.007	0.010	0.817	0.033
3	27	11	76	0.002	0.003	1.534	1.507	0.007	0.010	0.796	0.033
4	27	11	76	0.002	0.003	1.555	1.515	0.008	0.011	0.662	0.032
5	27	11	76	0.002	0.003	1.585	1.547	0.008	0.011	0.597	0.029
6	27	11	76	0.002	0.003	1.592	1.564	0.009	0.012	0.596	0.028
7	27	11	76	0.002	0.003	1.572	1.549	0.010	0.013	0.469	0.027
8	27	11	76	0.002	0.003	1.548	1.528	0.010	0.013	0.552	0.030
9	27	11	76	0.002	0.003	1.553	1.516	0.008	0.011	0.648	0.036
10	27	11	76	0.002	0.003	1.530	1.499	0.007	0.010	0.859	0.036
11	27	11	76	0.002	0.003	1.521	1.491	0.006	0.009	0.980	0.037
12	27	11	76	0.002	0.003	1.510	1.487	0.007	0.010	0.680	0.03[illegible]
13	27	11	76	0.002	0.003	1.497	1.477	0.006	0.009	0.825	0.037
14	27	11	76	0.002	0.003	1.489	1.471	0.005	0.008	0.893	0.037
15	27	11	76	0.002	0.003	1.494	1.468	0.004	0.007	0.700	0.037
16	27	11	76	0.002	0.003	99.000	99.000	0.005	0.008	1.115	0.037
17	27	11	76	0.002	0.003	1.432	1.416	0.006	0.009	0.618	0.035
18	27	11	76	0.002	0.003	1.509	1.503	0.007	0.010	0.466	0.028
19	27	11	76	0.002	0.003	1.540	1.539	0.008	0.011	0.382	0.028
20	27	11	76	0.002	0.003	1.579	1.568	0.009	0.012	0.373	0.027
21	27	11	76	0.002	0.003	1.600	1.584	0.009	0.012	0.364	0.028
22	27	11	76	0.002	0.003	1.590	1.570	0.009	0.012	0.374	0.028
23	27	11	76	0.002	0.003	1.589	1.568	0.009	0.012	0.365	0.028

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
0	28	11	76	0.002	0.003	1.581	1.561	0.010	0.013	0.382	0.029
1	28	11	76	0.002	0.003	1.573	1.556	0.010	0.012	0.356	0.028
2	28	11	76	0.002	0.003	1.557	1.551	0.009	0.012	0.318	0.028
3	28	11	76	0.002	0.003	1.560	1.554	0.009	0.013	0.339	0.025
4	28	11	76	0.002	0.003	1.540	1.546	0.010	0.013	0.329	0.024
5	28	11	76	0.002	0.003	1.537	1.544	0.010	0.013	0.340	0.024
6	28	11	76	0.002	0.003	1.554	1.552	0.010	0.013	0.322	0.023
7	28	11	76	0.002	0.003	1.544	1.547	0.010	0.013	0.324	0.023
8	28	11	76	0.002	0.003	1.555	1.549	0.009	0.012	0.320	0.023
9	28	11	76	0.002	0.003	1.553	1.536	0.007	0.010	0.309	0.028
10	28	11	76	0.002	0.003	1.527	1.517	0.006	0.008	0.250	0.032
11	28	11	76	0.002	0.003	1.528	1.517	0.005	0.007	0.219	0.034
12	28	11	76	0.002	0.003	1.519	1.511	0.004	0.006	0.264	0.036
13	28	11	76	0.002	0.003	1.514	1.492	0.003	0.005	0.267	0.037
14	28	11	76	0.002	0.003	1.492	1.481	0.004	0.006	0.283	0.037
15	28	11	76	0.002	0.003	1.505	1.493	0.004	0.006	0.236	0.037
16	28	11	76	0.002	0.003	1.541	1.526	0.004	0.006	0.242	0.036
17	28	11	76	0.002	0.003	1.557	1.541	0.004	0.007	0.181	0.033
18	28	11	76	0.002	0.003	1.563	1.553	0.005	0.008	0.211	0.025
19	28	11	76	0.002	0.003	1.551	1.535	0.005	0.008	0.221	0.026
20	28	11	76	0.002	0.003	1.564	1.546	0.005	0.007	0.221	0.022
21	28	11	76	0.002	0.003	1.568	1.554	0.005	0.008	0.269	0.020
22	28	11	76	0.002	0.003	1.554	1.546	0.005	0.008	0.215	0.023
23	28	11	76	0.002	0.003	1.562	1.549	0.005	0.008	0.219	0.023

RIO BLANCO OIL SHALE PROJECT SITE THREE

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4	NOX	NO	CO	O3
++	++	++	++								
0	29	11	76	0.002	0.003	1.564	1.547	0.005	0.008	0.213	0.020
1	29	11	76	0.002	0.003	1.569	1.544	0.005	0.008	0.219	0.021
2	29	11	76	0.002	0.003	1.581	1.542	0.005	0.008	0.226	0.022
3	29	11	76	0.002	0.003	1.584	1.555	0.005	0.008	0.213	0.021
4	29	11	76	0.002	0.003	1.588	1.561	0.005	0.008	0.181	0.019
5	29	11	76	0.002	0.003	1.586	1.567	0.005	0.008	0.197	0.017
6	29	11	76	0.002	0.003	1.577	1.557	0.005	0.008	0.204	0.019
7	29	11	76	0.002	0.003	1.586	1.567	0.005	0.007	0.201	0.018
8	29	11	76	0.002	0.003	1.576	1.556	0.005	0.007	0.187	0.018
9	29	11	76	0.002	0.003	1.567	1.547	0.005	0.007	0.194	0.025
10	29	11	76	0.002	0.003	1.535	1.524	0.004	0.006	0.177	0.030
11	29	11	76	0.002	0.003	1.536	1.518	0.003	0.005	0.227	0.032
12	29	11	76	0.002	0.003	1.524	1.504	0.002	0.004	0.211	0.032
13	29	11	76	0.002	0.003	1.509	1.498	0.002	0.004	0.184	0.033
14	29	11	76	0.002	0.003	1.497	1.477	0.007	0.010	0.173	0.034
15	29	11	76	0.002	0.003	99.000	99.000	0.011	0.014	0.145	0.034
16	29	11	76	0.002	0.003	99.000	99.000	0.012	0.015	0.188	0.034
17	29	11	76	0.002	0.003	99.000	99.000	0.012	0.016	0.179	0.033
18	29	11	76	0.002	0.003	99.000	99.000	0.013	0.016	0.168	0.032
19	29	11	76	0.002	0.003	99.000	99.000	0.014	0.017	0.164	0.030
20	29	11	76	0.002	0.003	99.000	99.000	0.014	0.018	0.160	0.026
21	29	11	76	0.002	0.003	99.000	99.000	0.015	0.019	0.139	0.023
22	29	11	76	0.002	0.003	99.000	99.000	0.016	0.019	0.154	0.024
23	29	11	76	0.002	0.003	99.000	99.000	0.016	0.020	0.151	0.022

```
                              RIO BLANCO OIL SHALE PROJECT   SITE  THREE

                                         AIR  QUALITY  DATA
HR DY MO YR        SO2     H2S      THC     CH4       NOX     NO        CO      O3
++ ++ ++ ++     +------------------------------------------------------------------+

 0 30 11 76      0.002   0.003   99.000  99.000     0.016   0.020     0.142   0.018

 1 30 11 76      0.002   0.003   99.000  99.000     0.015   0.020     0.119   0.019

 2 30 11 76      0.002   0.003   99.000  99.000     0.015   0.019     0.117   0.020

 3 30 11 76      0.002   0.003   99.000  99.000     0.016   0.019     0.125   0.019

 4 30 11 76      0.002   0.003   99.000  99.000     0.016   0.020     0.125   0.018

 5 30 11 76      0.002   0.003   99.000  99.000     0.016   0.020     0.112   0.018

 6 30 11 76      0.002   0.003   99.000  99.000     0.016   0.019     0.113   0.021

 7 30 11 76      0.002   0.003   99.000  99.000     0.016   0.020     0.115   0.019

 8 30 11 76      0.002   0.003   99.000  99.000     0.016   0.019     0.100   0.019

 9 30 11 76      0.002   0.003   99.000  99.000     0.015   0.019     0.114   0.024

10 30 11 76      0.002   0.003   99.000  99.000     0.015   0.019     0.076   0.027

11 30 11 76      0.002   0.003   99.000  99.000     0.015   0.018     0.131   0.032

12 30 11 76      0.002   0.003   99.000  99.000     0.015   0.018     0.167   0.035

13 30 11 76      0.002   0.003   99.000  99.000     0.015   0.018     0.081   0.035

14 30 11 76      0.002   0.003   99.000  99.000     0.014   0.018     0.101   0.035

15 30 11 76      0.002   0.003   99.000  99.000     0.015   0.018     0.127   0.034

16 30 11 76      0.002   0.003   99.000  99.000     0.015   0.019     0.081   0.032

17 30 11 76      0.002   0.003   99.000  99.000     0.015   0.019     0.090   0.028

18 30 11 76      0.002   0.003   99.000  99.000     0.019   0.022     0.088   0.028

19 30 11 76     99.000  99.000   99.000  99.000    99.000  99.000    99.000  99.000

20 30 11 76     99.000  99.000   99.000  99.000    99.000  99.000    99.000  99.000

21 30 11 76     99.000  99.000   99.000  99.000    99.000  99.000    99.000  99.000

22 30 11 76     99.000  99.000   99.000  99.000    99.000  99.000    99.000  99.000

23 30 11 76     99.000  99.000   99.000  99.000    99.000  99.000    99.000  99.000
```

A.1.4

AIR QUALITY DATA FOR SITE 4
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbon Concentration (ppm)
CH_4	Methane Concentration (ppm)

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RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                          AIR QUALITY DATA
HR  DY  MO  YR         SO2      H2S      THC      CH4
++  ++  ++  ++     +-----------------------------------+

 0   1   9  76       0.003    0.004    1.506    1.456

 1   1   9  76      99.000   99.000    1.527    1.460

 2   1   9  76      99.000   99.000    1.516    1.438

 3   1   9  76       0.009    0.009    1.490    1.429

 4   1   9  76       0.004    0.005    1.478    1.432

 5   1   9  76       0.004    0.004    1.487    1.438

 6   1   9  76       0.004    0.004    1.493    1.444

 7   1   9  76       0.014    0.014    1.500    1.451

 8   1   9  76       0.010    0.009    1.501    1.451

 9   1   9  76       0.005    0.005    1.486    1.442

10   1   9  76       0.004    0.004    1.476    1.432

11   1   9  76       0.004    0.004    1.455    1.421

12   1   9  76       0.004    0.004    1.449    1.415

13   1   9  76       0.012    0.008    1.443    1.409

14   1   9  76       0.015    0.013    1.433    1.403

15   1   9  76       0.012    0.011    1.431    1.398

16   1   9  76       0.026    0.023    1.426    1.394

17   1   9  76       0.041    0.036    1.424    1.391

18   1   9  76       0.032    0.028    1.426    1.394

19   1   9  76       0.010    0.009    1.433    1.400

20   1   9  76       0.005    0.005    1.470    1.431

21   1   9  76       0.004    0.004    1.491    1.447

22   1   9  76       0.004    0.004    1.497    1.447

23   1   9  76       0.005    0.006    1.496    1.445
```

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                  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                                   AIR QUALITY DATA
HR  DY  MO  YR      SO2       H2S       THC       CH4
++  ++  ++  ++     +-----------------------------------+

 0   2   9  76     0.004     0.004     1.491     1.442

 1   2   9  76     0.006     0.006     1.486     1.438

 2   2   9  76     0.004     0.004     1.486     1.434

 3   2   9  76     0.003     0.004     1.498     1.443

 4   2   9  76     0.003     0.002     1.495     1.443

 5   2   9  76     0.003     0.002     1.493     1.442

 6   2   9  76     0.003     0.002     1.493     1.439

 7   2   9  76     0.003     0.002     1.505     1.444

 8   2   9  76     0.003     0.002     1.503     1.439

 9   2   9  76     0.003     0.002     1.495     1.435

10   2   9  76     0.003     0.002     1.500     1.443

11   2   9  76     0.003     0.002     1.468     1.417

12   2   9  76     0.015     0.013     1.453     1.412

13   2   9  76     0.038     0.026     1.443     1.405

14   2   9  76     0.037     0.033     1.421     1.388

15   2   9  76     0.023     0.020     1.417     1.385

16   2   9  76     0.024     0.021     1.413     1.383

17   2   9  76     0.027     0.025     1.413     1.381

18   2   9  76     0.013     0.012     1.415     1.385

19   2   9  76     0.004     0.004     1.421     1.390

20   2   9  76     0.003     0.004     1.457     1.424

21   2   9  76     0.003     0.002     1.488     1.433

22   2   9  76     0.003     0.002     1.523     1.435

23   2   9  76     0.003     0.002     1.520     1.435
```

```
                          AIR QUALITY DATA
HR DY MO YR          SO2       H2S       THC       CH4
++ ++ ++ ++         +------------------------------------+

 0  3  9 76        0.003     0.002     1.502     1.431

 1  3  9 76        0.003     0.002     1.491     1.427

 2  3  9 76        0.003     0.002     1.498     1.438

 3  3  9 76        0.003     0.002     1.490     1.435

 4  3  9 76        0.003     0.002     1.487     1.427

 5  3  9 76        0.003     0.002     1.480     1.424

 6  3  9 76        0.003     0.002     1.481     1.424

 7  3  9 76        0.004     0.005     1.488     1.431

 8  3  9 76        0.003     0.002     1.497     1.431

 9  3  9 76        0.003     0.002     1.490     1.425

10  3  9 76        0.003     0.002     1.522     1.455

11  3  9 76        0.006     0.004     1.464     1.403

12  3  9 76        0.035     0.032     1.409     1.357

13  3  9 76        0.041     0.036     1.399     1.347

14  3  9 76        0.039     0.034     1.395     1.343

15  3  9 76        0.037     0.034     1.399     1.343

16  3  9 76        0.040     0.035     1.408     1.344

17  3  9 76        0.039     0.035     1.394     1.338

18  3  9 76        0.031     0.027     1.388     1.337

19  3  9 76        0.006     0.007     1.397     1.344

20  3  9 76        0.003     0.004     1.450     1.390

21  3  9 76        0.003     0.002     1.482     1.410

22  3  9 76        0.003     0.002     1.492     1.412

23  3  9 76        0.003     0.002     1.496     1.411
```

```
                       AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++           +-----------------------------------+

 0  4  9 76           0.003    0.002    1.470    1.399

 1  4  9 76           0.003    0.004    1.472    1.404

 2  4  9 76           0.003    0.004    1.483    1.413

 3  4  9 76           0.003    0.004    1.477    1.410

 4  4  9 76           0.003    0.004    1.491    1.421

 5  4  9 76           0.003    0.004    1.486    1.417

 6  4  9 76           0.003    0.004    1.478    1.411

 7  4  9 76           0.003    0.004    1.486    1.417

 8  4  9 76           0.003    0.004    1.495    1.423

 9  4  9 76           0.003    0.004    1.487    1.415

10  4  9 76           0.003    0.004    1.476    1.405

11  4  9 76           0.003    0.002    1.468    1.395

12  4  9 76           0.026    0.024    1.425    1.362

13  4  9 76           0.036    0.032    1.410    1.350

14  4  9 76           0.038    0.034    1.384    1.340

15  4  9 76           0.035    0.032    1.380    1.340

16  4  9 76           0.034    0.031    1.392    1.342

17  4  9 76           0.031    0.028    1.400    1.348

18  4  9 76           0.021    0.019    1.417    1.355

19  4  9 76           0.005    0.006    1.426    1.364

20  4  9 76           0.004    0.004    1.469    1.401

21  4  9 76           0.003    0.004    1.474    1.413

22  4  9 76           0.003    0.004    1.473    1.416

23  4  9 76           0.003    0.004    1.474    1.414
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
++	++	++	++				
0	5	9	76	0.005	0.006	1.471	1.410
1	5	9	76	0.009	0.008	1.469	1.408
2	5	9	76	0.004	0.004	1.473	1.411
3	5	9	76	0.003	0.002	1.471	1.411
4	5	9	76	0.003	0.002	1.484	1.418
5	5	9	76	0.003	0.002	1.480	1.415
6	5	9	76	0.003	0.002	1.475	1.415
7	5	9	76	0.003	0.002	1.467	1.411
8	5	9	76	0.003	0.002	1.477	1.416
9	5	9	76	0.003	0.002	1.467	1.409
10	5	9	76	0.003	0.002	1.461	1.407
11	5	9	76	0.003	0.002	1.470	1.412
12	5	9	76	0.029	0.026	1.424	1.373
13	5	9	76	0.038	0.034	1.405	1.354
14	5	9	76	0.014	0.013	1.408	1.358
15	5	9	76	0.004	0.005	1.418	1.370
16	5	9	76	0.003	0.002	1.450	1.251
17	5	9	76	0.003	0.002	1.452	1.414
18	5	9	76	0.003	0.002	1.456	1.441
19	5	9	76	0.003	0.002	1.468	1.451
20	5	9	76	0.003	0.002	1.485	1.471
21	5	9	76	0.003	0.002	1.484	1.469
22	5	9	76	0.003	0.002	1.502	1.480
23	5	9	76	0.003	0.002	1.508	1.485

```
                        AIR QUALITY DATA
HR DY MO YR        SO2       H2S       THC       CH4
++ ++ ++ ++      +---------------------------------------+

 0  6  9 76     0.003     0.002     1.503     1.481

 1  6  9 76     0.003     0.002     1.503     1.486

 2  6  9 76     0.003     0.002     1.501     1.480

 3  6  9 76     0.003     0.002     1.502     1.476

 4  6  9 76     0.003     0.002     1.480     1.465

 5  6  9 76     0.003     0.002     1.471     1.457

 6  6  9 76     0.003     0.002     1.472     1.459

 7  6  9 76     0.003     0.002     1.465     1.452

 8  6  9 76     0.003     0.002     1.457     1.450

 9  6  9 76     0.003     0.002     1.465     1.453

10  6  9 76     0.003     0.002     1.456     1.442

11  6  9 76     0.003     0.002     1.448     1.440

12  6  9 76     0.003     0.002     1.447     1.438

13  6  9 76     0.003     0.002     1.445     1.435

14  6  9 76     0.003     0.002     1.438     1.430

15  6  9 76     0.003     0.002     1.425     1.421

16  6  9 76     0.003     0.002     1.420     1.417

17  6  9 76     0.003     0.002     1.424     1.420

18  6  9 76     0.003     0.002     1.441     1.430

19  6  9 76     0.003     0.002     1.440     1.430

20  6  9 76     0.003     0.004     1.451     1.445

21  6  9 76     0.003     0.004     1.441     1.422

22  6  9 76     0.003     0.002     1.435     1.369

23  6  9 76     0.003     0.002     1.436     1.377
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	7	9	76	0.005	0.005	1.427	99.000
1	7	9	76	0.003	0.004	1.432	99.000
2	7	9	76	0.003	0.004	1.441	99.000
3	7	9	76	0.003	0.004	1.454	99.000
4	7	9	76	0.003	0.004	1.458	99.000
5	7	9	76	0.003	0.004	1.464	99.000
6	7	9	76	0.003	0.004	1.449	99.000
7	7	9	76	0.007	0.006	1.453	99.000
8	7	9	76	0.007	0.006	1.461	99.000
9	7	9	76	0.004	0.004	1.470	99.000
10	7	9	76	0.003	0.004	1.493	99.000
11	7	9	76	0.003	0.004	1.529	99.000
12	7	9	76	0.003	0.004	1.521	99.000
13	7	9	76	0.003	0.004	1.517	99.000
14	7	9	76	0.003	0.004	1.507	99.000
15	7	9	76	0.003	0.004	1.487	99.000
16	7	9	76	0.003	0.004	1.494	99.000
17	7	9	76	0.003	0.004	1.481	99.000
18	7	9	76	0.003	0.004	1.496	99.000
19	7	9	76	0.003	0.004	1.519	99.000
20	7	9	76	0.013	0.012	1.516	99.000
21	7	9	76	0.027	0.025	1.519	99.000
22	7	9	76	0.035	0.032	1.525	99.000
23	7	9	76	0.027	0.025	1.526	99.000

```
                        AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0  8  9 76      0.026    0.024    1.524    99.000

 1  8  9 76      0.035    0.032    1.523    99.000

 2  8  9 76      0.042    0.037    1.529    99.000

 3  8  9 76      0.045    0.040    1.538    99.000

 4  8  9 76      0.045    0.039    1.537    99.000

 5  8  9 76      0.045    0.040    1.543    99.000

 6  8  9 76      0.045    0.039    1.561    99.000

 7  8  9 76      0.043    0.039    1.564    99.000

 8  8  9 76      0.013    0.012    1.565    99.000

 9  8  9 76      0.004    0.004    1.557    99.000

10  8  9 76      0.003    0.002    1.532    99.000

11  8  9 76      0.003    0.002    1.522    99.000

12  8  9 76      0.003    0.002    1.516    99.000

13  8  9 76      0.003    0.002    1.509    99.000

14  8  9 76      0.003    0.002    1.457    99.000

15  8  9 76      0.003    0.002    1.495    99.000

16  8  9 76      0.003    0.002    1.476    99.000

17  8  9 76      0.003    0.002    1.475    99.000

18  8  9 76      0.003    0.002    1.478    99.000

19  8  9 76      0.003    0.002    1.520    99.000

20  8  9 76      0.003    0.002    1.544    99.000

21  8  9 76      0.003    0.002    1.567    99.000

22  8  9 76      0.004    0.004    1.568    99.000

23  8  9 76      0.007    0.006    1.584    99.000
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                        AIR QUALITY DATA
HR DY MO YR      SO2       H2S       THC       CH4
++ ++ ++ ++    +------------------------------------+

 0  9  9 76     0.011     0.010     1.590    99.000

 1  9  9 76     0.005     0.005     1.590    99.000

 2  9  9 76     0.003     0.004     1.598    99.000

 3  9  9 76     0.003     0.002     1.602    99.000

 4  9  9 76     0.003     0.002     1.604    99.000

 5  9  9 76     0.003     0.002     1.615    99.000

 6  9  9 76     0.003     0.002     1.630    99.000

 7  9  9 76     0.003     0.002     1.631    99.000

 8  9  9 76     0.003     0.002     1.679    99.000

 9  9  9 76     0.003     0.002     1.657    99.000

10  9  9 76     0.003     0.002    99.000    99.000

11  9  9 76    99.000    99.000    99.000    99.000

12  9  9 76    99.000    99.000     1.392    99.000

13  9  9 76     0.003     0.004     1.481    99.000

14  9  9 76     0.003     0.002     1.498    99.000

15  9  9 76     0.003     0.002     1.493    99.000

16  9  9 76     0.003     0.002     1.480    99.000

17  9  9 76     0.003     0.002     1.468    99.000

18  9  9 76     0.003     0.002     1.478    99.000

19  9  9 76     0.003     0.002     1.476    99.000

20  9  9 76     0.003     0.002     1.468    99.000

21  9  9 76     0.003     0.002     1.460    99.000

22  9  9 76     0.003     0.002     1.455    99.000

23  9  9 76     0.003     0.002     1.436    99.000
```

```
                          AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++        +--------------------------------+

 0 10  9 76        0.003    0.002    1.420    99.000

 1 10  9 76        0.003    0.004    1.423    99.000

 2 10  9 76        0.004    0.004    1.429    99.000

 3 10  9 76        0.004    0.004    1.453    99.000

 4 10  9 76        0.003    0.004    1.455    99.000

 5 10  9 76        0.004    0.004    1.455    99.000

 6 10  9 76        0.003    0.004    1.453    99.000

 7 10  9 76        0.004    0.004    1.453    99.000

 8 10  9 76        0.003    0.004    1.460    99.000

 9 10  9 76        0.003    0.004    1.471    99.000

10 10  9 76        0.003    0.004    1.479    99.000

11 10  9 76        0.003    0.004    1.508    99.000

12 10  9 76        0.003    0.004    1.497    99.000

13 10  9 76        0.003    0.004    1.492    99.000

14 10  9 76        0.003    0.004    1.499    99.000

15 10  9 76        0.003    0.004    1.501    99.000

16 10  9 76        0.003    0.004    1.505    99.000

17 10  9 76        0.003    0.004    1.498    99.000

18 10  9 76        0.003    0.004    1.491    99.000

19 10  9 76        0.003    0.004    1.492    99.000

20 10  9 76        0.003    0.004    1.482    99.000

21 10  9 76        0.003    0.004    1.476    99.000

22 10  9 76        0.003    0.004    1.480    99.000

23 10  9 76        0.003    0.004    1.476    99.000
```

```
                         AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++       +-----------------------------------+

 0 11  9 76      0.003    0.004    1.467   99.000

 1 11  9 76      0.003    0.002    1.465   99.000

 2 11  9 76      0.003    0.002    1.473   99.000

 3 11  9 76      0.003    0.002    1.476   99.000

 4 11  9 76      0.003    0.002    1.486   99.000

 5 11  9 76      0.003    0.002    1.479   99.000

 6 11  9 76      0.003    0.002    1.471   99.000

 7 11  9 76      0.003    0.002    1.476   99.000

 8 11  9 76      0.003    0.002    1.488   99.000

 9 11  9 76      0.003    0.002    1.500   99.000

10 11  9 76      0.003    0.002    1.498   99.000

11 11  9 76      0.003    0.002    1.501   99.000

12 11  9 76      0.003    0.002    1.506   99.000

13 11  9 76      0.003    0.002    1.497   99.000

14 11  9 76     99.000   99.000   99.000   99.000

15 11  9 76      0.004    0.004   99.000   99.000

16 11  9 76      0.003    0.002   99.000   99.000

17 11  9 76      0.003    0.002    1.509   99.000

18 11  9 76      0.003    0.002    1.512   99.000

19 11  9 76      0.003    0.002    1.512   99.000

20 11  9 76      0.003    0.002    1.516   99.000

21 11  9 76      0.003    0.002    1.517   99.000

22 11  9 76      0.003    0.002    1.512   99.000

23 11  9 76      0.003    0.002    1.517   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR DY MO YR         SO2      H2S       THC      CH4
++ ++ ++ ++        +-----------------------------------+

 0 12  9 76       0.003    0.002     1.513   99.000

 1 12  9 76       0.003    0.002     1.511   99.000

 2 12  9 76       0.003    0.002     1.517   99.000

 3 12  9 76       0.003    0.002     1.524   99.000

 4 12  9 76       0.003    0.002     1.519   99.000

 5 12  9 76       0.003    0.002     1.525   99.000

 6 12  9 76       0.003    0.002     1.527   99.000

 7 12  9 76       0.003    0.002     1.520   99.000

 8 12  9 76       0.003    0.002     1.508   99.000

 9 12  9 76       0.003    0.002     1.499   99.000

10 12  9 76       0.003    0.002     1.492   99.000

11 12  9 76       0.003    0.002     1.493   99.000

12 12  9 76       0.003    0.002     1.504   99.000

13 12  9 76       0.003    0.002     1.488   99.000

14 12  9 76       0.003    0.002     1.513   99.000

15 12  9 76       0.003    0.002     1.518   99.000

16 12  9 76       0.003    0.002     1.514   99.000

17 12  9 76       0.003    0.002     1.519   99.000

18 12  9 76       0.003    0.002     1.518   99.000

19 12  9 76       0.003    0.002     1.514   99.000

20 12  9 76       0.003    0.002     1.529   99.000

21 12  9 76       0.003    0.002     1.542   99.000

22 12  9 76       0.003    0.002     1.535   99.000

23 12  9 76      99.000   99.000    99.000   99.000
```

```
                          AIR QUALITY DATA
HR DY MO YR         SO2       H2S       THC      CH4
++ ++ ++ ++      +-----------------------------------------+

 0 13  9 76      0.003     0.002     1.534    99.000

 1 13  9 76      0.003     0.004     1.543    99.000

 2 13  9 76      0.003     0.004     1.547    99.000

 3 13  9 76      0.003     0.004     1.555    99.000

 4 13  9 76      0.003     0.004     1.551    99.000

 5 13  9 76      0.003     0.004     1.552    99.000

 6 13  9 76      0.003     0.004     1.550    99.000

 7 13  9 76      0.003     0.004     1.569    99.000

 8 13  9 76      0.003     0.004     1.580    99.000

 9 13  9 76      0.003     0.004     1.561    99.000

10 13  9 76      0.003     0.004     1.544    99.000

11 13  9 76      0.003     0.004     1.528    99.000

12 13  9 76      0.003     0.004     1.533    99.000

13 13  9 76      0.003     0.004     1.526    99.000

14 13  9 76      0.003     0.004     1.515    99.000

15 13  9 76      0.003     0.004     1.539    99.000

16 13  9 76      0.003     0.004     1.516    99.000

17 13  9 76      0.003     0.004     1.529    99.000

18 13  9 76      0.003     0.004     1.510    99.000

19 13  9 76      0.003     0.004     1.551    99.000

20 13  9 76      0.003     0.004     1.542    99.000

21 13  9 76      0.003     0.004     1.531    99.000

22 13  9 76      0.003     0.004     1.534    99.000

23 13  9 76      0.003     0.004     1.547    99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                          AIR QUALITY DATA
HR  DY  MO  YR        SO2      H2S       THC       CH4
++  ++  ++  ++       +------------------------------------+

 0  14   9  76      0.003    0.004     1.550    99.000

 1  14   9  76      0.003    0.002     1.549    99.000

 2  14   9  76      0.003    0.002     1.549    99.000

 3  14   9  76      0.003    0.002     1.541    99.000

 4  14   9  76      0.003    0.002     1.558    99.000

 5  14   9  76      0.003    0.002     1.556    99.000

 6  14   9  76      0.003    0.002     1.555    99.000

 7  14   9  76      0.003    0.002     1.541    99.000

 8  14   9  76      0.003    0.002     1.536    99.000

 9  14   9  76      0.003    0.004     1.541    99.000

10  14   9  76      0.003    0.004     1.524    99.000

11  14   9  76      0.003    0.004     1.484    99.000

12  14   9  76      0.003    0.002    99.000    99.000

13  14   9  76      0.003    0.002    99.000    99.000

14  14   9  76      0.003    0.002    99.000    99.000

15  14   9  76      0.003    0.002    99.000    99.000

16  14   9  76     99.000   99.000    99.000    99.000

17  14   9  76     99.000   99.000    99.000    99.000

18  14   9  76      0.003    0.002    99.000    99.000

19  14   9  76      0.003    0.002    99.000    99.000

20  14   9  76      0.003    0.002    99.000    99.000

21  14   9  76      0.003    0.002    99.000    99.000

22  14   9  76      0.003    0.002    99.000    99.000

23  14   9  76      0.003    0.002    99.000    99.000
```

```
                         AIR QUALITY DATA
HR DY MO YR        SO2       H2S       THC       CH4
++ ++ ++ ++      +-----------------------------------------+

 0 15  9 76      0.003     0.002    99.000    99.000

 1 15  9 76      0.003     0.002    99.000    99.000

 2 15  9 76      0.003     0.002    99.000    99.000

 3 15  9 76      0.003     0.002    99.000    99.000

 4 15  9 76      0.003     0.002    99.000    99.000

 5 15  9 76      0.003     0.002    99.000    99.000

 6 15  9 76      0.003     0.002    99.000    99.000

 7 15  9 76      0.003     0.002    99.000    99.000

 8 15  9 76      0.003     0.002    99.000    99.000

 9 15  9 76      0.003     0.002    99.000    99.000

10 15  9 76      0.003     0.002    99.000    99.000

11 15  9 76      0.003     0.002    99.000    99.000

12 15  9 76      0.003     0.002    99.000    99.000

13 15  9 76      0.003     0.002    99.000    99.000

14 15  9 76      0.003     0.002    99.000    99.000

15 15  9 76     99.000    99.000    99.000    99.000

16 15  9 76     99.000    99.000    99.000    99.000

17 15  9 76     99.000    99.000    99.000    99.000

18 15  9 76     99.000    99.000    99.000    99.000

19 15  9 76     99.000    99.000    99.000    99.000

20 15  9 76     99.000    99.000    99.000    99.000

21 15  9 76     99.000    99.000    99.000    99.000

22 15  9 76     99.000    99.000    99.000    99.000

23 15  9 76     99.000    99.000    99.000    99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 16  9 76     99.000   99.000   99.000   99.000

 1 16  9 76     99.000   99.000   99.000   99.000

 2 16  9 76     99.000   99.000   99.000   99.000

 3 16  9 76     99.000   99.000   99.000   99.000

 4 16  9 76     99.000   99.000   99.000   99.000

 5 16  9 76     99.000   99.000   99.000   99.000

 6 16  9 76     99.000   99.000   99.000   99.000

 7 16  9 76     99.000   99.000   99.000   99.000

 8 16  9 76     99.000   99.000   99.000   99.000

 9 16  9 76     99.000   99.000   99.000   99.000

10 16  9 76     99.000   99.000   99.000   99.000

11 16  9 76      0.003    0.004   99.000   99.000

12 16  9 76      0.003    0.004   99.000   99.000

13 16  9 76      0.003    0.004   99.000   99.000

14 16  9 76      0.003    0.004   99.000   99.000

15 16  9 76      0.003    0.004    1.222   99.000

16 16  9 76      0.003    0.004    1.297    1.204

17 16  9 76      0.003    0.004    1.312    1.232

18 16  9 76      0.003    0.004    1.327    1.254

19 16  9 76      0.003    0.004    1.337    1.267

20 16  9 76      0.003    0.004    1.367    1.289

21 16  9 76      0.003    0.004    1.387    1.297

22 16  9 76      0.003    0.004    1.391    1.300

23 16  9 76      0.003    0.004    1.400    1.300
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	17	9	76	0.003	0.002	1.399	1.302
1	17	9	76	0.003	0.002	1.400	1.304
2	17	9	76	0.003	0.002	1.400	1.300
3	17	9	76	0.003	0.002	1.393	1.299
4	17	9	76	0.003	0.002	1.386	1.292
5	17	9	76	0.003	0.002	1.396	1.300
6	17	9	76	0.003	0.002	1.398	1.297
7	17	9	76	0.003	0.002	1.396	1.295
8	17	9	76	0.003	0.002	1.388	1.294
9	17	9	76	0.003	0.002	1.367	1.291
10	17	9	76	0.003	0.002	1.331	1.275
11	17	9	76	0.003	0.002	1.322	1.265
12	17	9	76	0.003	0.002	1.307	1.260
13	17	9	76	0.003	0.002	1.296	1.259
14	17	9	76	0.003	0.002	1.299	1.264
15	17	9	76	0.003	0.002	1.303	1.269
16	17	9	76	0.003	0.002	1.306	1.272
17	17	9	76	0.003	0.002	1.321	1.280
18	17	9	76	0.003	0.002	1.339	1.286
19	17	9	76	0.003	0.002	1.352	1.296
20	17	9	76	0.003	0.002	1.366	1.308
21	17	9	76	0.003	0.002	1.370	1.313
22	17	9	76	0.003	0.002	1.364	1.306
23	17	9	76	0.003	0.002	1.365	1.307

```
                        AIR QUALITY DATA
HR DY MO YR             SO2      H2S      THC      CH4
++ ++ ++ ++           +------------------------------------+

 0 18  9 76            0.003    0.002    1.363    1.309

 1 18  9 76            0.003    0.002    1.373    1.323

 2 18  9 76            0.003    0.002    1.387    1.336

 3 18  9 76            0.003    0.002    1.405    1.339

 4 18  9 76            0.003    0.002    1.437    1.340

 5 18  9 76            0.003    0.002    1.445    1.336

 6 18  9 76            0.003    0.002    1.444    1.336

 7 18  9 76            0.003    0.002    1.440    1.336

 8 18  9 76            0.003    0.002    1.421    1.317

 9 18  9 76            0.003    0.002    1.377    1.303

10 18  9 76            0.003    0.002    1.366    1.302

11 18  9 76            0.003    0.002    1.343    1.286

12 18  9 76            0.003    0.002    1.331    1.280

13 18  9 76            0.003    0.002    1.332    1.281

14 18  9 76            0.003    0.002    1.335    1.281

15 18  9 76            0.003    0.002    1.334    1.280

16 18  9 76            0.003    0.002    1.347    1.281

17 18  9 76            0.003    0.002    1.340    1.285

18 18  9 76            0.003    0.002    1.352    1.300

19 18  9 76            0.003    0.002    1.388    1.327

20 18  9 76            0.003    0.002    1.403    1.344

21 18  9 76            0.003    0.002    1.407    1.352

22 18  9 76            0.003    0.002    1.411    1.358

23 18  9 76            0.003    0.002    1.416    1.364
```

```
                          AIR QUALITY DATA
HR DY MO YR                SO2      H2S      THC      CH4
++ ++ ++ ++             +------------------------------------+

 0 19  9 76             0.003    0.002    1.411    1.359

 1 19  9 76             0.003    0.002    1.413    1.356

 2 19  9 76             0.003    0.002    1.404    1.358

 3 19  9 76             0.003    0.002    1.401    1.358

 4 19  9 76             0.003    0.004    1.392    1.355

 5 19  9 76             0.003    0.004    1.394    1.354

 6 19  9 76             0.003    0.004    1.398    1.359

 7 19  9 76             0.003    0.004    1.407    1.364

 8 19  9 76             0.003    0.004    1.429    1.373

 9 19  9 76             0.003    0.004    1.431    1.377

10 19  9 76             0.003    0.004    1.424    1.376

11 19  9 76             0.003    0.004    1.418    1.368

12 19  9 76             0.003    0.004    1.422    1.355

13 19  9 76             0.003    0.004    1.380    1.338

14 19  9 76             0.003    0.002    1.351    1.313

15 19  9 76             0.003    0.002    1.351    1.312

16 19  9 76             0.003    0.002    1.352    1.313

17 19  9 76             0.003    0.002    1.347    1.310

18 19  9 76             0.003    0.002    1.349    1.314

19 19  9 76             0.003    0.004    1.376    1.338

20 19  9 76             0.003    0.002    1.391    1.354

21 19  9 76             0.003    0.002    1.418    1.371

22 19  9 76             0.003    0.002    1.428    1.373

23 19  9 76             0.003    0.002    1.435    1.376
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                           AIR QUALITY DATA
HR DY MO  YR        SO2      H2S      THC      CH4
++ ++ ++  ++      +-----------------------------------+

 0 20  9  76      0.003    0.002    1.423    1.369

 1 20  9  76      0.003    0.002    1.414    1.367

 2 20  9  76      0.003    0.002    1.418    1.374

 3 20  9  76      0.003    0.002    1.418    1.376

 4 20  9  76      0.003    0.002    1.435    1.388

 5 20  9  76      0.003    0.002    1.451    1.401

 6 20  9  76      0.003    0.002    1.461    1.400

 7 20  9  76      0.003    0.002    1.462    1.402

 8 20  9  76      0.003    0.002    1.457    1.401

 9 20  9  76      0.003    0.002    1.441    1.389

10 20  9  76      0.003    0.002    1.435    1.381

11 20  9  76      0.003    0.002    1.424    1.369

12 20  9  76      0.003    0.002    1.399    1.353

13 20  9  76      0.003    0.002    1.386    1.344

14 20  9  76      0.003    0.002    1.368    1.330

15 20  9  76      0.003    0.002    1.342    1.309

16 20  9  76      0.003    0.002    1.335    1.303

17 20  9  76      0.003    0.002    1.331    1.301

18 20  9  76      0.003    0.002    1.342    1.307

19 20  9  76      0.003    0.002    1.377    1.333

20 20  9  76      0.003    0.002    1.401    1.356

21 20  9  76      0.003    0.002    1.419    1.365

22 20  9  76      0.003    0.002    1.424    1.370

23 20  9  76      0.003    0.002    1.427    1.367
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	21	9	76	0.003	0.002	1.432	1.369
1	21	9	76	0.003	0.002	1.420	1.361
2	21	9	76	0.003	0.002	1.415	1.357
3	21	9	76	0.003	0.002	1.430	1.367
4	21	9	76	0.003	0.002	1.434	1.371
5	21	9	76	0.003	0.002	1.440	1.376
6	21	9	76	0.003	0.002	1.446	1.381
7	21	9	76	0.003	0.002	1.441	1.378
8	21	9	76	0.003	0.002	1.426	1.363
9	21	9	76	0.003	0.002	1.417	1.354
10	21	9	76	0.003	0.002	1.435	1.363
11	21	9	76	0.003	0.002	1.435	1.363
12	21	9	76	0.003	0.002	1.389	1.327
13	21	9	76	0.003	0.002	1.362	1.304
14	21	9	76	0.003	0.002	1.363	1.308
15	21	9	76	0.003	0.002	1.365	1.311
16	21	9	76	0.003	0.002	1.396	1.331
17	21	9	76	0.003	0.002	1.419	1.341
18	21	9	76	0.003	0.002	1.437	1.349
19	21	9	76	0.003	0.002	1.413	1.329
20	21	9	76	0.003	0.002	1.410	1.323
21	21	9	76	0.003	0.002	1.410	1.323
22	21	9	76	0.003	0.002	1.415	1.323
23	21	9	76	0.003	0.002	1.412	1.324

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                       AIR QUALITY DATA
HR DY MO YR       SO2     H2S     THC     CH4
++ ++ ++ ++      +-----------------------------+

 0 22  9 76      0.003   0.004   1.411   1.324

 1 22  9 76      0.003   0.004   1.413   1.326

 2 22  9 76      0.003   0.004   1.405   1.318

 3 22  9 76      0.003   0.004   1.398   1.314

 4 22  9 76      0.003   0.004   1.401   1.313

 5 22  9 76      0.003   0.004   1.368   1.311

 6 22  9 76      0.003   0.004   1.350   1.309

 7 22  9 76      0.003   0.004   1.339   1.307

 8 22  9 76      0.003   0.004   1.343   1.310

 9 22  9 76      0.003   0.004   1.348   1.308

10 22  9 76      0.003   0.004   1.354   1.309

11 22  9 76      0.003   0.004   1.350   1.305

12 22  9 76     99.000  99.000  99.000  99.000

13 22  9 76      0.005   0.005  99.000  99.000

14 22  9 76      0.003   0.004   1.343   1.370

15 22  9 76      0.003   0.004   1.367   1.391

16 22  9 76      0.003   0.004   1.379   1.399

17 22  9 76      0.003   0.004   1.391   1.403

18 22  9 76      0.003   0.004   1.393   1.403

19 22  9 76      0.003   0.004   1.400   1.411

20 22  9 76     99.000  99.000   1.403   1.414

21 22  9 76     99.000  99.000   1.407   1.418

22 22  9 76     99.000  99.000   1.406   1.418

23 22  9 76     99.000  99.000   1.397   1.415
```

```
                      AIR QUALITY DATA
HR DY MO YR        SO2       H2S       THC       CH4
++ ++ ++ ++      +----------------------------------+

 0 23  9 76     99.000    99.000     1.403     1.418

 1 23  9 76     99.000    99.000     1.415     1.430

 2 23  9 76     99.000    99.000     1.421     1.433

 3 23  9 76     99.000    99.000     1.425     1.435

 4 23  9 76     99.000    99.000     1.414     1.426

 5 23  9 76     99.000    99.000     1.416     1.427

 6 23  9 76     99.000    99.000     1.414     1.422

 7 23  9 76     99.000    99.000     1.406     1.416

 8 23  9 76     99.000    99.000     1.394     1.409

 9 23  9 76     99.000    99.000     1.386     1.403

10 23  9 76     99.000    99.000     1.383     1.402

11 23  9 76     99.000    99.000     1.379     1.392

12 23  9 76     99.000    99.000     1.354     1.364

13 23  9 76     99.000    99.000     1.363     1.372

14 23  9 76     99.000    99.000     1.373     1.387

15 23  9 76     99.000    99.000     1.379     1.391

16 23  9 76     99.000    99.000     1.359     1.382

17 23  9 76     99.000    99.000     1.366     1.385

18 23  9 76     99.000    99.000     1.370     1.385

19 23  9 76     99.000    99.000     1.365     1.387

20 23  9 76     99.000    99.000     1.372     1.391

21 23  9 76     99.000    99.000     1.381     1.399

22 23  9 76     99.000    99.000     1.374     1.391

23 23  9 76     99.000    99.000     1.374     1.390
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR          SO2      H2S       THC       CH4
++ ++ ++ ++        +-----------------------------------+

 0 24  9 76      99.000   99.000     1.380     1.394

 1 24  9 76      99.000   99.000     1.373     1.394

 2 24  9 76      99.000   99.000     1.375     1.397

 3 24  9 76      99.000   99.000     1.391     1.400

 4 24  9 76      99.000   99.000     1.395     1.401

 5 24  9 76      99.000   99.000     1.397     1.398

 6 24  9 76      99.000   99.000     1.402     1.401

 7 24  9 76      99.000   99.000     1.416     1.416

 8 24  9 76      99.000   99.000     1.426     1.423

 9 24  9 76      99.000   99.000     1.430     1.429

10 24  9 76      99.000   99.000     1.477     1.460

11 24  9 76      99.000   99.000     1.450     1.435

12 24  9 76      99.000   99.000     1.424     1.406

13 24  9 76      99.000   99.000     1.416     1.393

14 24  9 76      99.000   99.000     1.410     1.392

15 24  9 76      99.000   99.000     1.400     1.381

16 24  9 76      99.000   99.000    99.000    99.000

17 24  9 76      99.000   99.000    99.000    99.000

18 24  9 76      99.000   99.000    99.000    99.000

19 24  9 76      99.000   99.000    99.000    99.000

20 24  9 76      99.000   99.000    99.000    99.000

21 24  9 76      99.000   99.000    99.000    99.000

22 24  9 76      99.000   99.000    99.000    99.000

23 24  9 76      99.000   99.000    99.000    99.000
```

```
                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++        +-----------------------------------+

 0 25  9 76       99.000   99.000   99.000   99.000

 1 25  9 76       99.000   99.000   99.000   99.000

 2 25  9 76       99.000   99.000   99.000   99.000

 3 25  9 76       99.000   99.000   99.000   99.000

 4 25  9 76       99.000   99.000   99.000   99.000

 5 25  9 76       99.000   99.000   99.000   99.000

 6 25  9 76       99.000   99.000   99.000   99.000

 7 25  9 76       99.000   99.000   99.000   99.000

 8 25  9 76       99.000   99.000   99.000   99.000

 9 25  9 76       99.000   99.000   99.000   99.000

10 25  9 76        0.004    0.005   99.000   99.000

11 25  9 76        0.003    0.004   99.000   99.000

12 25  9 76        0.003    0.004   99.000   99.000

13 25  9 76        0.003    0.002   99.000   99.000

14 25  9 76        0.003    0.002   99.000   99.000

15 25  9 76        0.003    0.002    1.402    1.375

16 25  9 76        0.003    0.002    1.420    1.394

17 25  9 76        0.003    0.002    1.416    1.395

18 25  9 76        0.006    0.006    1.421    1.400

19 25  9 76        0.011    0.010    1.427    1.411

20 25  9 76        0.021    0.019    1.430    1.412

21 25  9 76        0.025    0.021    1.432    1.410

22 25  9 76        0.019    0.017    1.430    1.410

23 25  9 76        0.021    0.019    1.427    1.406
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                    AIR QUALITY DATA
HR DY MO YR         SO2      H2S       THC       CH4
++ ++ ++ ++        +-----------------------------------+

 0 26  9 76        0.029    0.026     1.438     1.415

 1 26  9 76        0.039    0.035     1.446     1.426

 2 26  9 76        0.053    0.046     1.438     1.422

 3 26  9 76        0.060    0.052     1.447     1.424

 4 26  9 76        0.058    0.051     1.453     1.431

 5 26  9 76        0.054    0.047     1.458     1.430

 6 26  9 76        0.053    0.046     1.467     1.438

 7 26  9 76        0.056    0.048     1.468     1.440

 8 26  9 76        0.028    0.024     1.468     1.439

 9 26  9 76        0.007    0.006     1.467     1.437

10 26  9 76        0.003    0.002     1.462     1.433

11 26  9 76        0.001    0.002     1.455     1.430

12 26  9 76        0.001    0.002     1.439     1.413

13 26  9 76        0.001    0.002     1.422     1.403

14 26  9 76        0.001    0.002     1.413     1.397

15 26  9 76        0.001    0.002     1.411     1.398

16 26  9 76        0.001    0.002     1.417     1.401

17 26  9 76        0.001    0.002     1.419     1.404

18 26  9 76        0.001    0.002     1.428     1.408

19 26  9 76        0.001    0.002     1.452     1.428

20 26  9 76        0.024    0.021     1.472     1.447

21 26  9 76        0.011    0.009     1.485     1.456

22 26  9 76        0.026    0.024     1.488     1.459

23 26  9 76        0.035    0.030     1.499     1.465
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	27	9	76	0.025	0.022	1.502	1.469
1	27	9	76	0.014	0.012	1.499	1.466
2	27	9	76	0.024	0.021	1.491	1.459
3	27	9	76	0.039	0.035	1.486	1.454
4	27	9	76	0.031	0.027	1.490	1.457
5	27	9	76	0.018	0.016	1.514	1.474
6	27	9	76	0.025	0.022	1.510	1.469
7	27	9	76	0.017	0.016	1.505	1.466
8	27	9	76	0.008	0.007	1.494	1.458
9	27	9	76	0.003	0.002	1.491	1.455
10	27	9	76	0.001	0.002	1.481	1.446
11	27	9	76	0.001	0.002	1.468	1.436
12	27	9	76	0.001	0.002	1.458	1.428
13	27	9	76	0.001	0.002	1.447	1.420
14	27	9	76	0.001	0.002	1.441	1.415
15	27	9	76	0.001	0.002	1.436	1.412
16	27	9	76	0.001	0.002	1.438	1.415
17	27	9	76	0.001	0.002	1.449	1.421
18	27	9	76	0.001	0.002	1.451	1.426
19	27	9	76	0.001	0.002	1.476	1.452
20	27	9	76	0.021	0.019	1.490	1.463
21	27	9	76	0.027	0.022	1.498	1.467
22	27	9	76	0.015	0.014	1.499	1.466
23	27	9	76	0.013	0.011	1.493	1.467

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++        +----------------------------------+

 0 28  9 76       0.004    0.004    1.498    1.467

 1 28  9 76       0.003    0.002    1.502    1.474

 2 28  9 76       0.003    0.002    1.503    1.472

 3 28  9 76       0.003    0.002    1.508    1.478

 4 28  9 76       0.003    0.002    1.519    1.488

 5 28  9 76       0.003    0.002    1.527    1.498

 6 28  9 76       0.003    0.002    1.531    1.504

 7 28  9 76       0.003    0.002    1.529    1.500

 8 28  9 76       0.068    0.060    1.513    1.482

 9 28  9 76       0.073    0.063    1.501    1.469

10 28  9 76       0.059    0.051    1.507    1.478

11 28  9 76       0.041    0.036    1.521    1.488

12 28  9 76       0.053    0.046    1.475    1.445

13 28  9 76       0.059    0.051    1.457    1.431

14 28  9 76       0.063    0.055    1.448    1.421

15 28  9 76       0.064    0.056    1.441    1.419

16 28  9 76       0.060    0.052    1.434    1.413

17 28  9 76       0.053    0.046    1.435    1.412

18 28  9 76       0.032    0.027    1.442    1.418

19 28  9 76       0.025    0.017    1.468    1.443

20 28  9 76       0.056    0.049    1.483    1.459

21 28  9 76       0.084    0.073    1.494    1.468

22 28  9 76       0.085    0.075    1.488    1.459

23 28  9 76       0.081    0.071    1.490    1.466
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR            SO2      H2S      THC      CH4
++ ++ ++ ++          +----------------------------------+

 0 29  9 76          0.071     0.062     1.492    1.466

 1 29  9 76          0.063     0.055     1.509    1.480

 2 29  9 76          0.050     0.044     1.510    1.483

 3 29  9 76          0.035     0.031     1.513    1.486

 4 29  9 76          0.027     0.024     1.520    1.494

 5 29  9 76          0.006     0.005     1.518    1.494

 6 29  9 76          0.003     0.002     1.521    1.496

 7 29  9 76          0.001     0.002     1.527    1.500

 8 29  9 76          0.049     0.042     1.508    1.479

 9 29  9 76          0.029     0.025     1.485    1.460

10 29  9 76          0.007     0.006     1.506    1.478

11 29  9 76          0.003     0.002     1.532    1.500

12 29  9 76          0.001     0.002     1.480    1.454

13 29  9 76          0.011     0.010     1.451    1.430

14 29  9 76          0.003     0.004     1.443    1.423

15 29  9 76         99.000    99.000     1.436    1.417

16 29  9 76         99.000    99.000     1.430    1.414

17 29  9 76         99.000    99.000     1.430    1.414

18 29  9 76         99.000    99.000     1.436    1.420

19 29  9 76         99.000    99.000     1.464    1.446

20 29  9 76         99.000    99.000     1.492    1.470

21 29  9 76         99.000    99.000     1.500    1.473

22 29  9 76         99.000    99.000     1.493    1.467

23 29  9 76         99.000    99.000     1.501    1.474
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	30	9	76	99.000	99.000	1.490	1.467
1	30	9	76	99.000	99.000	1.501	1.477
2	30	9	76	99.000	99.000	1.514	1.484
3	30	9	76	99.000	99.000	1.524	1.490
4	30	9	76	99.000	99.000	1.530	1.498
5	30	9	76	99.000	99.000	1.521	1.499
6	30	9	76	99.000	99.000	1.519	1.494
7	30	9	76	99.000	99.000	1.518	1.485
8	30	9	76	99.000	99.000	1.500	1.476
9	30	9	76	99.000	99.000	1.487	1.463
10	30	9	76	99.000	99.000	1.488	1.461
11	30	9	76	99.000	99.000	99.000	99.000
12	30	9	76	99.000	99.000	99.000	99.000
13	30	9	76	99.000	99.000	1.486	1.478
14	30	9	76	99.000	99.000	1.515	1.506
15	30	9	76	99.000	99.000	99.000	99.000
16	30	9	76	99.000	99.000	99.000	99.000
17	30	9	76	99.000	99.000	1.423	1.410
18	30	9	76	99.000	99.000	1.468	1.439
19	30	9	76	99.000	99.000	1.507	1.472
20	30	9	76	0.005	0.003	1.525	1.496
21	30	9	76	0.002	0.002	1.523	1.501
22	30	9	76	0.001	0.002	1.526	1.500
23	30	9	76	0.001	0.002	1.529	1.505

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	1	10	76	0.001	0.002	1.519	1.495
1	1	10	76	0.001	0.002	1.524	1.494
2	1	10	76	0.001	0.002	1.523	1.497
3	1	10	76	0.001	0.002	1.522	1.501
4	1	10	76	0.001	0.002	1.521	1.493
5	1	10	76	0.001	0.002	1.515	1.495
6	1	10	76	0.001	0.002	1.522	1.500
7	1	10	76	0.001	0.002	1.522	1.494
8	1	10	76	0.001	0.002	1.516	1.481
9	1	10	76	0.001	0.002	1.502	1.464
10	1	10	76	0.001	0.002	1.483	1.449
11	1	10	76	0.001	0.002	1.464	1.433
12	1	10	76	0.002	0.003	1.452	1.421
13	1	10	76	0.018	0.016	1.438	1.408
14	1	10	76	0.011	0.010	1.433	1.404
15	1	10	76	0.003	0.003	1.436	1.407
16	1	10	76	0.001	0.002	1.447	1.416
17	1	10	76	0.001	0.002	1.455	1.424
18	1	10	76	0.001	0.002	1.472	1.440
19	1	10	76	0.001	0.002	1.495	1.460
20	1	10	76	0.001	0.002	1.512	1.477
21	1	10	76	0.001	0.002	1.508	1.470
22	1	10	76	0.001	0.002	1.518	1.481
23	1	10	76	0.001	0.002	1.525	1.487

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	2	10	76	0.001	0.002	1.527	1.485
1	2	10	76	0.001	0.002	1.550	1.507
2	2	10	76	0.001	0.002	1.529	1.485
3	2	10	76	0.001	0.002	1.521	1.477
4	2	10	76	0.001	0.002	1.512	1.472
5	2	10	76	0.001	0.002	1.503	1.466
6	2	10	76	0.001	0.002	1.496	1.458
7	2	10	76	0.001	0.002	1.505	1.462
8	2	10	76	0.001	0.002	1.511	1.466
9	2	10	76	0.001	0.002	1.501	1.460
10	2	10	76	0.001	0.002	1.484	1.448
11	2	10	76	0.001	0.002	1.469	1.435
12	2	10	76	0.001	0.002	1.460	1.421
13	2	10	76	0.001	0.002	1.439	1.409
14	2	10	76	0.001	0.002	1.437	1.410
15	2	10	76	0.001	0.002	1.439	1.414
16	2	10	76	0.001	0.002	1.441	1.412
17	2	10	76	0.001	0.002	1.448	1.420
18	2	10	76	0.001	0.002	1.475	1.435
19	2	10	76	0.001	0.002	1.460	1.429
20	2	10	76	0.005	0.005	1.457	1.430
21	2	10	76	0.006	0.006	1.473	1.441
22	2	10	76	0.002	0.003	1.467	1.439
23	2	10	76	0.001	0.002	1.492	1.453

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	3	10	76	0.001	0.002	1.486	1.453
1	3	10	76	0.001	0.002	1.473	1.439
2	3	10	76	0.001	0.002	1.462	1.432
3	3	10	76	0.001	0.002	1.477	1.443
4	3	10	76	0.002	0.003	1.480	1.448
5	3	10	76	0.012	0.011	1.473	1.440
6	3	10	76	0.018	0.016	1.484	1.449
7	3	10	76	0.025	0.022	1.464	1.433
8	3	10	76	0.034	0.030	1.457	1.426
9	3	10	76	0.005	0.006	1.460	1.427
10	3	10	76	0.002	0.002	1.456	1.426
11	3	10	76	99.000	99.000	99.000	99.000
12	3	10	76	0.001	0.002	99.000	99.000
13	3	10	76	0.001	0.002	1.433	1.381
14	3	10	76	0.001	0.002	1.426	1.379
15	3	10	76	0.001	0.002	1.425	1.380
16	3	10	76	0.001	0.002	1.443	1.392
17	3	10	76	0.001	0.002	1.467	1.409
18	3	10	76	0.001	0.002	1.487	1.421
19	3	10	76	0.001	0.002	1.489	1.427
20	3	10	76	0.001	0.002	1.491	1.431
21	3	10	76	0.001	0.002	1.478	1.420
22	3	10	76	0.001	0.002	1.483	1.424
23	3	10	76	0.001	0.002	1.473	1.420

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                        AIR QUALITY DATA
HR DY MO  YR        SO2      H2S       THC       CH4
++ ++ ++  ++       +-------------------------------------+

 0  4 10  76       0.004    0.003     1.476     1.427

 1  4 10  76       0.014    0.012     1.482     1.430

 2  4 10  76       0.003    0.003     1.486     1.437

 3  4 10  76       0.001    0.002     1.500     1.446

 4  4 10  76       0.001    0.002     1.494     1.446

 5  4 10  76       0.001    0.002     1.498     1.444

 6  4 10  76       0.001    0.002     1.515     1.459

 7  4 10  76       0.001    0.002     1.508     1.450

 8  4 10  76       0.002    0.002     1.497     1.443

 9  4 10  76       0.003    0.004     1.483     1.429

10  4 10  76       0.002    0.002     1.473     1.419

11  4 10  76       0.001    0.002     1.466     1.415

12  4 10  76       0.001    0.002     1.464     1.411

13  4 10  76       0.001    0.002     1.460     1.407

14  4 10  76       0.001    0.002     1.461     1.406

15  4 10  76       0.001    0.002     1.460     1.408

16  4 10  76       0.001    0.002     1.492     1.422

17  4 10  76       0.001    0.002     1.481     1.422

18  4 10  76       0.001    0.002     1.489     1.430

19  4 10  76       0.002    0.003     1.505     1.443

20  4 10  76       0.011    0.011     1.509     1.449

21  4 10  76       0.008    0.008     1.506     1.452

22  4 10  76       0.002    0.003     1.513     1.453

23  4 10  76       0.001    0.002     1.517     1.455
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	5	10	76	0.001	0.002	1.512	1.457
1	5	10	76	0.001	0.002	1.541	1.471
2	5	10	76	0.001	0.002	1.546	1.487
3	5	10	76	0.001	0.002	1.541	1.483
4	5	10	76	0.001	0.002	1.540	1.480
5	5	10	76	0.001	0.002	1.542	1.478
6	5	10	76	0.001	0.002	1.549	1.481
7	5	10	76	0.001	0.002	1.551	1.487
8	5	10	76	0.008	0.006	1.543	1.480
9	5	10	76	0.004	0.004	1.525	1.459
10	5	10	76	0.002	0.002	1.507	1.447
11	5	10	76	0.001	0.002	1.584	1.487
12	5	10	76	0.001	0.002	1.498	1.433
13	5	10	76	0.001	0.002	1.476	1.421
14	5	10	76	0.001	0.002	1.482	1.430
15	5	10	76	0.001	0.002	1.513	1.452
16	5	10	76	0.001	0.002	1.506	1.443
17	5	10	76	0.001	0.002	1.502	1.439
18	5	10	76	0.001	0.002	1.502	1.440
19	5	10	76	0.001	0.002	1.504	1.439
20	5	10	76	0.027	0.024	1.515	1.452
21	5	10	76	0.008	0.008	1.544	1.481
22	5	10	76	0.029	0.025	1.533	1.471
23	5	10	76	0.015	0.014	1.520	1.458

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                          AIR QUALITY DATA
HR DY MO YR    SO2      H2S      THC      CH4
++ ++ ++ ++   +------------------------------+

 0  6 10 76   0.017    0.015    1.531    1.469

 1  6 10 76   0.026    0.024    1.544    1.476

 2  6 10 76   0.017    0.015    1.553    1.480

 3  6 10 76   0.015    0.013    1.553    1.482

 4  6 10 76   0.017    0.015    1.540    1.473

 5  6 10 76   0.016    0.015    1.539    1.472

 6  6 10 76   0.027    0.024    1.544    1.474

 7  6 10 76   0.021    0.018    1.536    1.467

 8  6 10 76   0.033    0.030    1.517    1.451

 9  6 10 76   0.008    0.007    1.520    1.450

10  6 10 76   0.002    0.002    1.505    1.446

11  6 10 76   0.001    0.002    1.510    1.450

12  6 10 76   0.001    0.002    1.512    1.450

13  6 10 76   0.005    0.004    1.512    1.450

14  6 10 76   0.012    0.011    1.514    1.453

15  6 10 76   0.026    0.023    1.514    1.456

16  6 10 76   0.014    0.013    1.509    1.453

17  6 10 76   0.010    0.009    1.507    1.450

18  6 10 76   0.007    0.007    1.509    1.451

19  6 10 76   0.044    0.040    1.514    1.456

20  6 10 76   0.044    0.039    1.517    1.462

21  6 10 76   0.039    0.035    1.529    1.473

22  6 10 76   0.046    0.041    1.538    1.474

23  6 10 76   0.036    0.032    1.535    1.477
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	7	10	76	0.013	0.011	1.549	1.488
1	7	10	76	0.003	0.003	1.563	1.501
2	7	10	76	0.002	0.002	1.581	1.510
3	7	10	76	0.001	0.002	1.568	1.504
4	7	10	76	0.002	0.002	1.560	1.495
5	7	10	76	0.001	0.002	1.571	1.504
6	7	10	76	0.001	0.002	1.593	1.523
7	7	10	76	0.001	0.002	1.607	1.534
8	7	10	76	0.014	0.013	1.596	1.513
9	7	10	76	0.033	0.029	1.573	1.486
10	7	10	76	0.007	0.007	1.547	1.466
11	7	10	76	0.004	0.004	1.523	1.453
12	7	10	76	0.002	0.002	1.509	1.446
13	7	10	76	0.001	0.002	1.503	1.440
14	7	10	76	0.001	0.002	1.503	1.441
15	7	10	76	0.001	0.002	1.500	1.440
16	7	10	76	0.001	0.002	1.500	1.439
17	7	10	76	0.001	0.002	1.500	1.437
18	7	10	76	0.004	0.005	1.511	1.442
19	7	10	76	0.052	0.047	1.540	1.470
20	7	10	76	0.052	0.047	1.545	1.484
21	7	10	76	0.023	0.021	1.558	1.486
22	7	10	76	0.004	0.005	1.570	1.498
23	7	10	76	0.001	0.002	1.572	1.495

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++          +----------------------------------+

 0  8 10 76         0.001    0.002    1.570    1.486

 1  8 10 76         0.001    0.002    1.586    1.487

 2  8 10 76         0.001    0.002    1.596    1.487

 3  8 10 76         0.001    0.002    1.589    1.482

 4  8 10 76         0.001    0.002    1.590    1.474

 5  8 10 76         0.001    0.002    1.585    1.469

 6  8 10 76         0.001    0.002    1.588    1.467

 7  8 10 76         0.001    0.002    1.618    1.510

 8  8 10 76         0.001    0.002    1.588    1.466

 9  8 10 76         0.009    0.009    1.546    1.429

10  8 10 76         0.002    0.002    1.523    1.408

11  8 10 76         0.001    0.002    1.509    1.401

12  8 10 76         0.001    0.002    1.505    1.398

13  8 10 76         0.001    0.002    1.490    1.388

14  8 10 76         0.001    0.002    1.481    1.380

15  8 10 76         0.001    0.002    1.482    1.378

16  8 10 76         0.001    0.002    1.478    1.374

17  8 10 76         0.001    0.002    1.479    1.375

18  8 10 76         0.001    0.002    1.508    1.396

19  8 10 76         0.030    0.027    1.550    1.428

20  8 10 76         0.043    0.038    1.571    1.440

21  8 10 76         0.026    0.022    1.571    1.444

22  8 10 76         0.004    0.005    1.581    1.450

23  8 10 76         0.001    0.002    1.588    1.455
```

```
                           AIR  QUALITY  DATA
HR  DY  MO  YR           SO2       H2S       THC       CH4
++  ++  ++  ++          +-----------------------------------+

 0   9  10  76         0.001     0.002     1.592     1.457
 1   9  10  76         0.001     0.002     1.590     1.453
 2   9  10  76         0.001     0.002     1.588     1.458
 3   9  10  76         0.001     0.002     1.588     1.454
 4   9  10  76         0.001     0.002     1.577     1.454
 5   9  10  76         0.001     0.002     1.568     1.447
 6   9  10  76         0.001     0.002     1.562     1.449
 7   9  10  76         0.001     0.002     1.561     1.445
 8   9  10  76         0.004     0.005     1.539     1.426
 9   9  10  76         0.007     0.007     1.520     1.409
10   9  10  76         0.002     0.002     1.544     1.430
11   9  10  76         0.001     0.002     1.529     1.417
12   9  10  76         0.002     0.002     1.539     1.389
13   9  10  76         0.020     0.017     1.477     1.370
14   9  10  76         0.019     0.015     1.460     1.360
15   9  10  76         0.007     0.006     1.461     1.359
16   9  10  76         0.004     0.004     1.470     1.364
17   9  10  76         0.002     0.002     1.481     1.372
18   9  10  76         0.001     0.002     1.524     1.397
19   9  10  76         0.001     0.002     1.556     1.424
20   9  10  76         0.017     0.016     1.549     1.428
21   9  10  76         0.036     0.032     1.543     1.419
22   9  10  76         0.036     0.032     1.538     1.421
23   9  10  76         0.012     0.011     1.548     1.435
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	10	10	76	0.003	0.003	1.550	1.432
1	10	10	76	0.001	0.002	1.548	1.433
2	10	10	76	0.001	0.002	1.553	1.442
3	10	10	76	0.001	0.002	1.544	1.434
4	10	10	76	0.001	0.002	1.553	1.437
5	10	10	76	0.001	0.002	1.556	1.443
6	10	10	76	0.001	0.002	1.557	1.440
7	10	10	76	0.001	0.002	1.563	1.453
8	10	10	76	0.003	0.004	1.537	1.429
9	10	10	76	99.000	99.000	1.508	1.400
10	10	10	76	99.000	99.000	99.000	99.000
11	10	10	76	99.000	99.000	99.000	99.000
12	10	10	76	0.002	0.003	99.000	99.000
13	10	10	76	0.001	0.002	1.447	1.356
14	10	10	76	0.001	0.002	1.451	1.360
15	10	10	76	0.001	0.002	1.457	1.363
16	10	10	76	0.001	0.002	1.463	1.369
17	10	10	76	0.001	0.002	1.474	1.379
18	10	10	76	0.001	0.002	1.491	1.392
19	10	10	76	0.001	0.002	1.508	1.406
20	10	10	76	0.001	0.002	1.512	1.411
21	10	10	76	0.001	0.002	1.520	1.426
22	10	10	76	0.002	0.002	1.515	1.416
23	10	10	76	0.002	0.002	1.511	1.414

AIR QUALITY DATA

HR ++	DY ++	MO ++	YR ++	SO2	H2S	THC	CH4
0	11	10	76	0.001	0.002	1.517	1.419
1	11	10	76	0.001	0.002	1.521	1.418
2	11	10	76	0.001	0.002	1.527	1.423
3	11	10	76	0.001	0.002	1.532	1.429
4	11	10	76	0.001	0.002	1.546	1.436
5	11	10	76	0.001	0.002	1.542	1.434
6	11	10	76	0.001	0.002	1.529	1.421
7	11	10	76	0.001	0.002	1.537	1.431
8	11	10	76	0.001	0.002	1.525	1.416
9	11	10	76	0.001	0.002	1.539	1.427
10	11	10	76	0.001	0.002	1.534	1.420
11	11	10	76	0.001	0.002	1.499	1.396
12	11	10	76	0.001	0.002	1.481	1.382
13	11	10	76	0.001	0.002	1.484	1.382
14	11	10	76	0.001	0.002	1.472	1.371
15	11	10	76	0.001	0.002	1.461	1.366
16	11	10	76	0.001	0.002	1.465	1.369
17	11	10	76	0.001	0.002	1.464	1.369
18	11	10	76	0.001	0.002	1.495	1.395
19	11	10	76	0.001	0.002	1.500	1.398
20	11	10	76	0.003	0.003	1.519	1.411
21	11	10	76	0.012	0.010	1.520	1.414
22	11	10	76	0.014	0.012	1.525	1.418
23	11	10	76	0.003	0.003	1.526	1.426

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++      +-------------------------------------+

 0 12 10 76      0.001    0.002    1.522    1.415

 1 12 10 76      0.001    0.002    1.520    1.416

 2 12 10 76      0.001    0.002    1.517    1.413

 3 12 10 76      0.001    0.002    1.525    1.421

 4 12 10 76      0.001    0.002    1.544    1.432

 5 12 10 76      0.001    0.002    1.553    1.439

 6 12 10 76      0.001    0.002    1.565    1.449

 7 12 10 76      0.001    0.002    1.561    1.446

 8 12 10 76      0.012    0.011    1.557    1.443

 9 12 10 76      0.004    0.004    1.547    1.429

10 12 10 76      0.001    0.002    1.547    1.428

11 12 10 76      0.001    0.002    1.537    1.420

12 12 10 76      0.001    0.002    1.522    1.410

13 12 10 76      0.001    0.002    1.501    1.391

14 12 10 76      0.001    0.002    1.490    1.384

15 12 10 76      0.001    0.002    1.490    1.388

16 12 10 76      0.001    0.002    1.498    1.392

17 12 10 76      0.001    0.002    1.502    1.394

18 12 10 76      0.001    0.002    1.502    1.398

19 12 10 76      0.027    0.024    1.527    1.422

20 12 10 76      0.037    0.033    1.543    1.433

21 12 10 76      0.045    0.040    1.537    1.426

22 12 10 76      0.028    0.025    1.548    1.430

23 12 10 76      0.006    0.006    1.556    1.440
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR DY MO YR          SO2       H2S       THC       CH4
++ ++ ++ ++         +-----------------------------------+

 0 13 10 76         0.002     0.003     1.564     1.443

 1 13 10 76         0.001     0.002     1.568     1.450

 2 13 10 76         0.001     0.002     1.577     1.448

 3 13 10 76         0.001     0.002     1.590     1.457

 4 13 10 76         0.001     0.002     1.591     1.460

 5 13 10 76         0.001     0.002     1.590     1.458

 6 13 10 76         0.001     0.002     1.595     1.463

 7 13 10 76         0.001     0.002     1.601     1.461

 8 13 10 76         0.001     0.002     1.596     1.455

 9 13 10 76         0.006     0.006     1.594     1.448

10 13 10 76         0.002     0.003     1.556     1.417

11 13 10 76         0.001     0.002     1.532     1.396

12 13 10 76         0.002     0.003     1.524     1.386

13 13 10 76        99.000    99.000     1.483     1.361

14 13 10 76        99.000    99.000     1.467     1.347

15 13 10 76         0.003     0.003     1.469     1.349

16 13 10 76         0.001     0.002     1.478     1.357

17 13 10 76         0.001     0.002     1.492     1.361

18 13 10 76         0.001     0.002     1.501     1.371

19 13 10 76         0.019     0.018     1.539     1.405

20 13 10 76         0.034     0.030     1.549     1.418

21 13 10 76         0.008     0.008     1.555     1.418

22 13 10 76         0.002     0.003     1.554     1.419

23 13 10 76         0.001     0.002     1.548     1.417
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR        SO2     H2S     THC     CH4
++ ++ ++ ++       +----------------------------+

 0 14 10 76      0.001   0.002   1.553   1.418

 1 14 10 76      0.001   0.002   1.551   1.418

 2 14 10 76      0.001   0.002   1.562   1.422

 3 14 10 76      0.001   0.002   1.558   1.422

 4 14 10 76      0.001   0.002   1.559   1.427

 5 14 10 76      0.001   0.002   1.559   1.420

 6 14 10 76      0.001   0.002   1.566   1.424

 7 14 10 76      0.001   0.002   1.579   1.442

 8 14 10 76      0.001   0.002   1.563   1.426

 9 14 10 76      0.002   0.002   1.526   1.396

10 14 10 76      0.001   0.002   1.500   1.379

11 14 10 76      0.009   0.002   1.503   1.382

12 14 10 76      0.002   0.002   1.467   1.352

13 14 10 76      0.001   0.002   1.449   1.338

14 14 10 76      0.001   0.002   1.431   1.327

15 14 10 76      0.001   0.002   1.428   1.323

16 14 10 76      0.001   0.002   1.430   1.329

17 14 10 76      0.001   0.002   1.452   1.336

18 14 10 76      0.001   0.002   1.458   1.340

19 14 10 76      0.004   0.004   1.497   1.374

20 14 10 76      0.029   0.026   1.502   1.379

21 14 10 76      0.019   0.016   1.511   1.381

22 14 10 76      0.003   0.004   1.502   1.380

23 14 10 76      0.001   0.002   1.519   1.391
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	15	10	76	0.001	0.002	1.538	1.408
1	15	10	76	0.001	0.002	1.543	1.412
2	15	10	76	0.001	0.002	1.551	1.416
3	15	10	76	0.001	0.002	1.561	1.420
4	15	10	76	0.001	0.002	1.579	1.424
5	15	10	76	0.001	0.002	1.579	1.431
6	15	10	76	0.001	0.002	1.590	1.437
7	15	10	76	0.001	0.002	1.591	1.444
8	15	10	76	0.001	0.002	1.578	1.429
9	15	10	76	0.001	0.002	1.572	1.426
10	15	10	76	0.001	0.002	1.539	1.404
11	15	10	76	0.001	0.002	1.508	1.382
12	15	10	76	0.001	0.002	1.479	1.362
13	15	10	76	0.001	0.002	1.497	1.361
14	15	10	76	0.001	0.002	1.473	1.351
15	15	10	76	0.001	0.002	1.472	1.352
16	15	10	76	0.001	0.002	1.466	1.350
17	15	10	76	0.001	0.002	1.469	1.351
18	15	10	76	0.001	0.002	1.486	1.369
19	15	10	76	0.011	0.010	1.513	1.392
20	15	10	76	0.032	0.029	1.523	1.395
21	15	10	76	0.029	0.025	1.521	1.394
22	15	10	76	0.005	0.005	1.526	1.398
23	15	10	76	0.001	0.002	1.534	1.404

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	16	10	76	0.001	0.002	1.528	1.397
1	16	10	76	0.001	0.002	1.550	1.415
2	16	10	76	0.001	0.002	1.575	1.434
3	16	10	76	0.001	0.002	1.576	1.439
4	16	10	76	0.001	0.002	1.586	1.441
5	16	10	76	0.001	0.002	1.591	1.444
6	16	10	76	0.001	0.002	1.575	1.433
7	16	10	76	0.001	0.002	1.586	1.442
8	16	10	76	0.001	0.002	1.577	1.430
9	16	10	76	0.002	0.003	1.568	1.427
10	16	10	76	0.001	0.002	1.572	1.437
11	16	10	76	0.001	0.002	1.535	1.409
12	16	10	76	0.001	0.002	1.499	1.379
13	16	10	76	0.001	0.002	1.477	1.359
14	16	10	76	0.001	0.002	1.469	1.348
15	16	10	76	0.001	0.002	1.462	1.349
16	16	10	76	0.001	0.002	1.469	1.355
17	16	10	76	0.001	0.002	1.471	1.358
18	16	10	76	0.001	0.002	1.476	1.368
19	16	10	76	0.007	0.007	1.497	1.383
20	16	10	76	0.021	0.019	1.506	1.394
21	16	10	76	0.006	0.006	1.534	1.407
22	16	10	76	0.002	0.002	1.555	1.425
23	16	10	76	0.001	0.002	1.578	1.441

RIO BLANCO OIL SHALE PROJECT SITE FOUR

HR	DY	MO	YR	AIR QUALITY DATA SO2	H2S	THC	CH4
0	17	10	76	0.001	0.002	1.569	1.436
1	17	10	76	0.001	0.002	1.551	1.419
2	17	10	76	0.001	0.002	1.541	1.411
3	17	10	76	0.001	0.002	1.530	1.402
4	17	10	76	0.001	0.002	1.532	1.409
5	17	10	76	0.001	0.002	1.510	1.386
6	17	10	76	0.001	0.002	1.516	1.392
7	17	10	76	0.001	0.002	1.504	1.385
8	17	10	76	0.001	0.002	1.509	1.386
9	17	10	76	0.005	0.005	1.506	1.385
10	17	10	76	0.001	0.002	1.489	1.369
11	17	10	76	0.001	0.002	1.474	1.357
12	17	10	76	0.001	0.002	1.461	1.347
13	17	10	76	0.001	0.002	1.460	1.341
14	17	10	76	0.001	0.002	1.452	1.339
15	17	10	76	0.001	0.002	1.456	1.341
16	17	10	76	0.001	0.002	1.472	1.353
17	17	10	76	0.001	0.002	1.475	1.356
18	17	10	76	0.001	0.002	1.492	1.369
19	17	10	76	0.001	0.002	1.509	1.384
20	17	10	76	0.001	0.002	1.516	1.394
21	17	10	76	0.005	0.005	1.524	1.400
22	17	10	76	0.006	0.005	1.530	1.403
23	17	10	76	0.001	0.002	1.535	1.404

```
                     AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++         +------------------------------+

 0 18 10 76         0.001    0.002    1.570    1.438

 1 18 10 76         0.001    0.002    1.597    1.459

 2 18 10 76         0.001    0.002    1.607    1.464

 3 18 10 76         0.001    0.002    1.609    1.466

 4 18 10 76         0.001    0.002    1.622    1.479

 5 18 10 76         0.001    0.002    1.621    1.483

 6 18 10 76         0.001    0.002    1.618    1.479

 7 18 10 76         0.001    0.002    1.632    1.487

 8 18 10 76         0.001    0.002    1.634    1.484

 9 18 10 76         0.001    0.002    1.623    1.462

10 18 10 76         0.008    0.008    1.606    1.445

11 18 10 76         0.002    0.003    1.576    1.426

12 18 10 76         0.001    0.002    1.552    1.410

13 18 10 76         0.001    0.0      1.535    1.388

14 18 10 76         0.001    0.002    1.532    1.397

15 18 10 76         0.001    0.002    1.536    1.395

16 18 10 76         0.001    0.002    1.542    1.400

17 18 10 76         0.001    0.002    1.553    1.406

18 18 10 76         0.001    0.002    1.558    1.409

19 18 10 76         0.001    0.002    1.599    1.443

20 18 10 76         0.001    0.002    1.621    1.459

21 18 10 76         0.001    0.002    1.639    1.476

22 18 10 76         0.001    0.002    1.642    1.479

23 18 10 76         0.001    0.002    1.636    1.473
```

```
                         AIR QUALITY DATA
HR DY MO YR        SO2      H2S      THC      CH4
++ ++ ++ ++       +-----------------------------------+

 0 19 10 76       0.001    0.002    1.669    1.496

 1 19 10 76       0.001    0.002    1.663    1.492

 2 19 10 76       0.001    0.002    1.665    1.497

 3 19 10 76       0.002    0.002    1.671    1.502

 4 19 10 76       0.002    0.002    1.670    1.503

 5 19 10 76       0.002    0.002    1.666    1.499

 6 19 10 76       0.002    0.002    1.667    1.503

 7 19 10 76       0.001    0.002    1.681    1.515

 8 19 10 76       0.002    0.002    1.664    1.495

 9 19 10 76       0.002    0.002    1.626    1.461

10 19 10 76       0.002    0.002    1.600    1.446

11 19 10 76       0.002    0.002    1.645    1.479

12 19 10 76       0.002    0.002    1.601    1.451

13 19 10 76       0.002    0.002    1.561    1.420

14 19 10 76       0.001    0.002    1.541    1.407

15 19 10 76       0.001    0.002    1.533    1.401

16 19 10 76       0.001    0.002    1.532    1.403

17 19 10 76       0.001    0.002    1.553    1.415

18 19 10 76       0.001    0.002    1.599    1.441

19 19 10 76       0.001    0.002    1.644    1.472

20 19 10 76       0.001    0.002    1.654    1.496

21 19 10 76       0.001    0.002    1.669    1.498

22 19 10 76       0.001    0.002    1.682    1.510

23 19 10 76       0.001    0.002    1.678    1.508
```

```
                       AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++         +-----------------------------------+

 0 20 10 76         0.001    0.002    1.677    1.509

 1 20 10 76         0.001    0.002    1.678    1.514

 2 20 10 76         0.001    0.002    1.678    1.514

 3 20 10 76         0.001    0.002    1.697    1.518

 4 20 10 76         0.001    0.002    1.663    1.502

 5 20 10 76         0.001    0.002    1.652    1.498

 6 20 10 76         0.001    0.002    1.660    1.506

 7 20 10 76         0.001    0.002    1.663    1.504

 8 20 10 76         0.001    0.002    1.649    1.489

 9 20 10 76         0.001    0.002    1.615    1.461

10 20 10 76         0.001    0.002    1.572    1.427

11 20 10 76         0.001    0.002    1.549    1.413

12 20 10 76         0.001    0.002    1.541    1.423

13 20 10 76         0.001    0.002    1.531    1.421

14 20 10 76         0.001    0.002    1.531    1.420

15 20 10 76         0.001    0.002    1.532    1.418

16 20 10 76         0.001    0.002    1.540    1.421

17 20 10 76         0.001    0.002    1.552    1.429

18 20 10 76         0.001    0.002    1.619    1.455

19 20 10 76         0.001    0.002    1.640    1.479

20 20 10 76         0.001    0.002    1.667    1.503

21 20 10 76         0.001    0.002    1.677    1.514

22 20 10 76         0.001    0.002    1.689    1.522

23 20 10 76         0.001    0.002    1.697    1.522
```

```
                        AIR QUALITY DATA
HR DY MD YR         SO2      H2S      THC       CH4
++ ++ ++ ++        +-----------------------------------+

 0 21 10 76        0.001    0.002    1.694     1.526

 1 21 10 76        0.001    0.002    1.704     1.538

 2 21 10 76        0.001    0.002    1.702     1.539

 3 21 10 76        0.001    0.002    1.687     1.520

 4 21 10 76        0.001    0.002    1.675     1.503

 5 21 10 76        0.001    0.002    1.665     1.491

 6 21 10 76        0.001    0.002    1.675     1.501

 7 21 10 76        0.001    0.002    1.669     1.502

 8 21 10 76        0.001    0.002    1.657     1.486

 9 21 10 76        0.001    0.002    1.611    99.000

10 21 10 76        0.001    0.002    1.568    99.000

11 21 10 76        0.001    0.002    1.579    99.000

12 21 10 76        0.001    0.002    1.551    99.000

13 21 10 76        0.001    0.002    1.514    99.000

14 21 10 76        0.001    0.002    1.509    99.000

15 21 10 76        0.001    0.002    1.515    99.000

16 21 10 76        0.001    0.002    1.537    99.000

17 21 10 76        0.001    0.002    1.554    99.000

18 21 10 76        0.001    0.002   99.000    99.000

19 21 10 76        0.015    0.013   99.000    99.000

20 21 10 76        0.003    0.003   99.000    99.000

21 21 10 76        0.001    0.002   99.000    99.000

22 21 10 76        0.001    0.002    1.581    99.000

23 21 10 76        0.001    0.002    1.589    99.000
```

```
                        AIR QUALITY DATA
HR DY MO YR        SO2       H2S       THC       CH4
++ ++ ++ ++       +------------------------------------+

 0 22 10 76      0.001     0.002     1.605    99.000

 1 22 10 76      0.001     0.002     1.609    99.000

 2 22 10 76      0.001     0.002     1.609    99.000

 3 22 10 76      0.001     0.002     1.632    99.000

 4 22 10 76      0.001     0.002     1.616    99.000

 5 22 10 76      0.001     0.002     1.613    99.000

 6 22 10 76      0.001     0.002     1.605    99.000

 7 22 10 76      0.001     0.002     1.621    99.000

 8 22 10 76      0.001     0.001     1.620    99.000

 9 22 10 76      0.001     0.001     1.575    99.000

10 22 10 76      0.001     0.001     1.560    99.000

11 22 10 76      0.001     0.002     1.542    99.000

12 22 10 76      0.001     0.002     1.533    99.000

13 22 10 76      0.001     0.002     1.524    99.000

14 22 10 76      0.001     0.002     1.516    99.000

15 22 10 76      0.001     0.002     1.532    99.000

16 22 10 76      0.001     0.002     1.509    99.000

17 22 10 76      0.001     0.002     1.519    99.000

18 22 10 76      0.001     0.002     1.538    99.000

19 22 10 76      0.001     0.002     1.572    99.000

20 22 10 76      0.001     0.002     1.589    99.000

21 22 10 76      0.001     0.002     1.616     1.419

22 22 10 76      0.001     0.002     1.622     1.428

23 22 10 76      0.001     0.002     1.617     1.413
```

```
                              AIR QUALITY DATA
HR  DY  MO  YR         SO2       H2S       THC       CH4
++  ++  ++  ++       +-------------------------------------+

 0  23  10  76       0.001     0.002     1.606     1.404

 1  23  10  76       0.001     0.002     1.652     1.442

 2  23  10  76       0.001     0.002     1.646     1.448

 3  23  10  76       0.001     0.002     1.620     1.418

 4  23  10  76       0.001     0.002     1.617     1.412

 5  23  10  76       0.001     0.002     1.613     1.410

 6  23  10  76       0.001     0.002     1.609     1.412

 7  23  10  76       0.001     0.002     1.610     1.407

 8  23  10  76       0.001     0.002     1.620     1.416

 9  23  10  76       0.001     0.002     1.634     1.445

10  23  10  76       0.001     0.002     1.564     1.397

11  23  10  76       0.001     0.002     1.516     1.365

12  23  10  76       0.001     0.002     1.510     1.359

13  23  10  76       0.001     0.002    99.000    99.000

14  23  10  76       0.001     0.002     1.426     1.376

15  23  10  76       0.001     0.002     1.441     1.402

16  23  10  76       0.001     0.002     1.444     1.408

17  23  10  76       0.001     0.002     1.452     1.411

18  23  10  76       0.001     0.002     1.454     1.416

19  23  10  76       0.001     0.002     1.471     1.430

20  23  10  76       0.001     0.002     1.484     1.446

21  23  10  76       0.001     0.002     1.491     1.456

22  23  10  76       0.001     0.002     1.519     1.475

23  23  10  76       0.001     0.002     1.530     1.473
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +-------------------------------+

 0 24 10 76        0.001    0.002    1.582    1.537

 1 24 10 76        0.001    0.002    1.582    1.522

 2 24 10 76        0.001    0.002    1.559    1.511

 3 24 10 76        0.001    0.002    1.551    1.466

 4 24 10 76        0.001    0.002    1.527    1.448

 5 24 10 76        0.001    0.002    1.526    1.443

 6 24 10 76        0.001    0.002    1.524    1.371

 7 24 10 76        0.001    0.002    1.518    1.412

 8 24 10 76        0.001    0.002    1.514    1.399

 9 24 10 76        0.001    0.002    1.496    1.362

10 24 10 76        0.001    0.002    1.480    1.396

11 24 10 76        0.001    0.002    1.477    1.411

12 24 10 76        0.001    0.002    1.465    1.397

13 24 10 76        0.001    0.002    1.454    1.393

14 24 10 76        0.001    0.002    1.449    1.387

15 24 10 76        0.001    0.002    1.457    1.387

16 24 10 76        0.001    0.002    1.465    1.394

17 24 10 76        0.001    0.002    1.480    1.390

18 24 10 76        0.001    0.002    1.486    1.405

19 24 10 76        0.001    0.002    1.491    1.369

20 24 10 76        0.001    0.002    1.492    1.368

21 24 10 76        0.001    0.001    1.496    1.365

22 24 10 76        0.001    0.002    1.497    1.220

23 24 10 76        0.001    0.002    1.537   99.000
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                       AIR QUALITY DATA
HR DY MO YR             SO2      H2S      THC      CH4
++ ++ ++ ++           +----------------------------------+

 0 25 10 76           0.001    0.002    1.543    99.000

 1 25 10 76           0.001    0.002    1.544    99.000

 2 25 10 76           0.001    0.002    1.522    99.000

 3 25 10 76           0.001    0.002    1.526    99.000

 4 25 10 76           0.001    0.002    1.523    99.000

 5 25 10 76           0.001    0.002    1.513    99.000

 6 25 10 76           0.001    0.002    1.522    99.000

 7 25 10 76           0.001    0.002    1.516    99.000

 8 25 10 76           0.001    0.002    1.502    99.000

 9 25 10 76           0.001    0.002    1.487    99.000

10 25 10 76           0.001    0.002    1.466    99.000

11 25 10 76           0.001    0.002    1.452    99.000

12 25 10 76           0.001    0.002    1.451    99.000

13 25 10 76           0.001    0.002    1.462    99.000

14 25 10 76           0.001    0.002    1.468    99.000

15 25 10 76           0.005    0.005    1.483    99.000

16 25 10 76           0.047    0.042    1.468    99.000

17 25 10 76           0.043    0.039    1.466    99.000

18 25 10 76           0.051    0.045    1.470    99.000

19 25 10 76           0.051    0.046    1.481    99.000

20 25 10 76           0.046    0.041    1.499    99.000

21 25 10 76           0.042    0.038    1.505    99.000

22 25 10 76           0.048    0.043    1.501    99.000

23 25 10 76           0.016    0.015    1.508    99.000
```

```
                           AIR QUALITY DATA
HR DY MO YR              SO2      H2S      THC      CH4
++ ++ ++ ++           +-----------------------------------+

 0 26 10 76           0.003    0.004    1.520   99.000

 1 26 10 76           0.001    0.002    1.518   99.000

 2 26 10 76           0.001    0.002    1.530   99.000

 3 26 10 76           0.001    0.002    1.541   99.000

 4 26 10 76           0.001    0.002    1.534   99.000

 5 26 10 76           0.001    0.002    1.541   99.000

 6 26 10 76           0.001    0.002    1.536   99.000

 7 26 10 76           0.001    0.002    1.526   99.000

 8 26 10 76           0.001    0.002    1.521   99.000

 9 26 10 76           0.036    0.032   99.000   99.000

10 26 10 76           0.057    0.051   99.000   99.000

11 26 10 76           0.010    0.010   99.000   99.000

12 26 10 76           0.032    0.043   99.000   99.000

13 26 10 76           0.001    0.002   99.000   99.000

14 26 10 76           0.001    0.002   99.000   99.000

15 26 10 76           0.001    0.002   99.000   99.000

16 26 10 76           0.001    0.002    1.529    1.490

17 26 10 76           0.001    0.002    1.531    1.468

18 26 10 76           0.001    0.002    1.474    1.431

19 26 10 76           0.001    0.002    1.469    1.434

20 26 10 76           0.001    0.002    1.474    1.437

21 26 10 76           0.001    0.002    1.475    1.440

22 26 10 76           0.001    0.002    1.478    1.442

23 26 10 76           0.001    0.002    1.488    1.440
```

```
                         AIR QUALITY DATA
HR DY MO YR               SO2      H2S      THC      CH4
++ ++ ++ ++              +-----------------------------+

 0 27 10 76              0.001    0.002    1.490    1.454

 1 27 10 76              0.001    0.002    1.496    1.453

 2 27 10 76              0.001    0.002    1.502    1.461

 3 27 10 76              0.001    0.002    1.508    1.465

 4 27 10 76              0.001    0.002    1.510    1.467

 5 27 10 76              0.001    0.002    1.506    1.467

 6 27 10 76              0.001    0.002    1.507    1.467

 7 27 10 76              0.001    0.002    1.505    1.469

 8 27 10 76              0.001    0.002    1.512    1.469

 9 27 10 76              0.001    0.002    1.495    1.456

10 27 10 76              0.001    0.002    1.480    1.442

11 27 10 76              0.001    0.002    1.451    1.417

12 27 10 76              0.001    0.002    1.429    1.396

13 27 10 76              0.001    0.002    1.421    1.390

14 27 10 76              0.001    0.002    1.409    1.377

15 27 10 76              0.001    0.002    1.403    1.373

16 27 10 76              0.001    0.002    1.402    1.374

17 27 10 76              0.001    0.002    1.410    1.382

18 27 10 76              0.001    0.002    1.431    1.399

19 27 10 76              0.001    0.002    1.471    1.432

20 27 10 76              0.001    0.002    1.471    1.431

21 27 10 76              0.001    0.002    1.475    1.436

22 27 10 76              0.001    0.002    1.477    1.438

23 27 10 76              0.001    0.002    1.483    1.442
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                       AIR QUALITY DATA
HR DY MO YR         SO2      H2S      THC      CH4
++ ++ ++ ++       +---------------------------------+

 0 28 10 76       0.001    0.002    1.506    1.460

 1 28 10 76       0.001    0.002    1.521    1.472

 2 28 10 76       0.001    0.002    1.524    1.478

 3 28 10 76       0.002    0.003    1.526    1.468

 4 28 10 76       0.002    0.003    1.528    1.480

 5 28 10 76       0.002    0.003    1.515    1.467

 6 28 10 76       0.002    0.003    1.518    1.467

 7 28 10 76       0.002    0.003    1.506    1.461

 8 28 10 76       0.002    0.003    1.515    1.499

 9 28 10 76       0.002    0.002    1.512    1.470

10 28 10 76       0.002    0.003    1.473    1.431

11 28 10 76       0.002    0.003    1.448    1.408

12 28 10 76       0.002    0.002    1.427    1.392

13 28 10 76       0.001    0.002    1.415    1.381

14 28 10 76       0.001    0.002    1.398    1.372

15 28 10 76       0.001    0.002    1.394    1.366

16 28 10 76       0.001    0.002    1.394    1.367

17 28 10 76       0.001    0.002    1.401    1.372

18 28 10 76       0.001    0.002    1.447    1.404

19 28 10 76       0.001    0.002    1.459    1.420

20 28 10 76       0.001    0.002    1.472    1.428

21 28 10 76       0.001    0.002    1.470    1.431

22 28 10 76       0.001    0.002    1.481    1.441

23 28 10 76       0.001    0.002    1.486    1.446
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

				AIR QUALITY DATA			
HR	DY	MO	YR	SO2	H2S	THC	CH4
0	29	10	76	0.001	0.002	1.509	1.461
1	29	10	76	0.001	0.002	1.524	1.469
2	29	10	76	0.001	0.002	1.536	1.479
3	29	10	76	0.001	0.002	1.556	1.499
4	29	10	76	0.001	0.002	1.546	1.486
5	29	10	76	0.001	0.002	1.541	1.481
6	29	10	76	0.001	0.002	1.545	1.484
7	29	10	76	0.001	0.002	1.547	1.485
8	29	10	76	0.001	0.002	1.527	1.469
9	29	10	76	0.001	0.002	1.507	1.454
10	29	10	76	0.001	0.002	1.638	1.432
11	29	10	76	0.001	0.002	1.487	1.414
12	29	10	76	0.001	0.002	1.456	1.408
13	29	10	76	0.001	0.002	1.441	1.401
14	29	10	76	0.001	0.002	1.404	1.375
15	29	10	76	0.001	0.002	1.380	1.359
16	29	10	76	0.001	0.002	1.372	1.351
17	29	10	76	0.001	0.002	1.375	1.357
18	29	10	76	0.001	0.002	1.415	1.386
19	29	10	76	0.001	0.002	1.452	1.418
20	29	10	76	0.001	0.002	1.472	1.433
21	29	10	76	0.001	0.002	1.489	1.451
22	29	10	76	0.001	0.002	1.496	1.454
23	29	10	76	0.001	0.002	1.490	1.449

RIO BLANCO OIL SHALE PROJECT SITE FOUR

HR	DY	MO	YR	AIR QUALITY DATA SO2	H2S	THC	CH4
0	30	10	76	0.001	0.002	1.495	1.453
1	30	10	76	0.001	0.002	1.488	1.447
2	30	10	76	0.001	0.002	1.497	1.456
3	30	10	76	0.001	0.002	1.510	1.464
4	30	10	76	0.001	0.002	1.512	1.466
5	30	10	76	0.001	0.002	1.541	1.487
6	30	10	76	0.001	0.002	1.553	1.491
7	30	10	76	0.001	0.002	1.574	1.499
8	30	10	76	0.001	0.002	1.541	1.472
9	30	10	76	0.001	0.002	1.494	1.443
10	30	10	76	0.001	0.002	1.469	1.425
11	30	10	76	0.001	0.002	1.443	1.408
12	30	10	76	0.001	0.002	1.396	1.368
13	30	10	76	0.001	0.002	1.385	1.360
14	30	10	76	0.001	0.002	1.413	1.349
15	30	10	76	0.001	0.002	1.373	1.344
16	30	10	76	0.001	0.002	1.381	1.345
17	30	10	76	0.001	0.002	1.380	1.348
18	30	10	76	0.001	0.002	1.428	1.396
19	30	10	76	0.001	0.002	1.447	1.413
20	30	10	76	0.001	0.002	1.449	1.415
21	30	10	76	0.001	0.002	1.466	1.430
22	30	10	76	0.001	0.002	1.442	1.408
23	30	10	76	0.001	0.002	1.558	1.431

```
                          AIR QUALITY DATA
HR DY MO YR           SO2      H2S      THC      CH4
++ ++ ++ ++           +-----------------------------+

 0 31 10 76          0.001    0.002    1.480    1.435

 1 31 10 76          0.002    0.002    1.467    1.431

 2 31 10 76          0.002    0.002    1.468    1.431

 3 31 10 76          0.002    0.002    1.474    1.437

 4 31 10 76          0.002    0.002    1.473    1.432

 5 31 10 76          0.002    0.002    1.494    1.457

 6 31 10 76          0.001    0.002    1.508    1.464

 7 31 10 76          0.002    0.002    1.520    1.461

 8 31 10 76          0.002    0.002    1.508    1.457

 9 31 10 76          0.002    0.002    1.467    1.423

10 31 10 76          0.002    0.002    1.439    1.402

11 31 10 76          0.002    0.003    1.440    1.411

12 31 10 76          0.001    0.002    1.419    1.391

13 31 10 76          0.001    0.002    1.386    1.360

14 31 10 76          0.001    0.002    1.381    1.357

15 31 10 76          0.001    0.002    1.384    1.356

16 31 10 76          0.001    0.002    1.396    1.364

17 31 10 76          0.001    0.002    1.385    1.354

18 31 10 76          0.001    0.002    1.433    1.397

19 31 10 76          0.001    0.002    1.461    1.423

20 31 10 76          0.002    0.003    1.480    1.449

21 31 10 76          0.002    0.003    1.481    1.447

22 31 10 76          0.002    0.002    1.477    1.440

23 31 10 76          0.002    0.003    1.473    1.440
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                      AIR QUALITY DATA
HR DY MO YR         SO2     H2S     THC     CH4
++ ++ ++ ++      +-----------------------------------+

 0  1 11 76      0.001   0.002   1.465   1.433
 1  1 11 76      0.001   0.002   1.458   1.429
 2  1 11 76      0.001   0.002   1.469   1.442
 3  1 11 76      0.001   0.002   1.467   1.440
 4  1 11 76      0.001   0.002   1.465   1.439
 5  1 11 76      0.001   0.002   1.483   1.446
 6  1 11 76      0.001   0.002   1.475   1.448
 7  1 11 76      0.001   0.002   1.513   1.446
 8  1 11 76      0.001   0.002   1.477   1.437
 9  1 11 76      0.001   0.002   1.435   1.409
10  1 11 76      0.001   0.002   1.409   1.389
11  1 11 76      0.001   0.002   1.409   1.390
12  1 11 76      0.001   0.002   1.404   1.375
13  1 11 76      0.001   0.002   1.366   1.348
14  1 11 76      0.001   0.002   1.385   1.338
15  1 11 76      0.001   0.002   1.354   1.334
16  1 11 76      0.001   0.002   1.381   1.353
17  1 11 76      0.001   0.002   1.423   1.373
18  1 11 76      0.001   0.002   1.430   1.386
19  1 11 76      0.001   0.002   1.443   1.408
20  1 11 76      0.001   0.002   1.456   1.424
21  1 11 76      0.001   0.002   1.451   1.418
22  1 11 76      0.001   0.002   1.450   1.420
23  1 11 76      0.001   0.002   1.458   1.430
```

				AIR QUALITY DATA			
HR	DY	MO	YR	SO2	H2S	THC	CH4
++	++	++	++				
0	2	11	76	0.001	0.002	1.446	1.419
1	2	11	76	0.001	0.002	1.456	1.428
2	2	11	76	0.001	0.002	1.462	1.435
3	2	11	76	0.001	0.002	1.472	1.446
4	2	11	76	0.001	0.002	1.467	1.432
5	2	11	76	0.001	0.002	1.470	1.435
6	2	11	76	0.001	0.002	1.478	1.444
7	2	11	76	0.001	0.002	1.494	1.454
8	2	11	76	0.001	0.002	1.499	1.456
9	2	11	76	0.001	0.002	1.477	1.438
10	2	11	76	0.001	0.002	1.461	1.424
11	2	11	76	0.001	0.002	1.417	1.390
12	2	11	76	0.002	0.003	1.374	1.354
13	2	11	76	0.024	0.021	1.359	1.341
14	2	11	76	0.024	0.021	1.358	1.337
15	2	11	76	0.005	0.005	1.365	1.346
16	2	11	76	0.001	0.002	1.363	1.339
17	2	11	76	0.001	0.002	1.376	1.349
18	2	11	76	0.001	0.002	1.446	1.391
19	2	11	76	0.001	0.002	1.468	1.423
20	2	11	76	0.001	0.002	1.479	1.434
21	2	11	76	0.001	0.002	1.468	1.428
22	2	11	76	0.001	0.002	1.460	1.428
23	2	11	76	0.001	0.002	1.463	1.429

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +-------------------------------+

 0  3 11 76        0.002    0.002    1.435    1.401

 1  3 11 76        0.002    0.003    1.471    1.428

 2  3 11 76        0.002    0.003    1.503    1.453

 3  3 11 76        0.002    0.003    1.498    1.444

 4  3 11 76        0.002    0.003    1.503    1.448

 5  3 11 76        0.002    0.003    1.495    1.444

 6  3 11 76        0.002    0.003    1.486    1.433

 7  3 11 76        0.002    0.003    1.494    1.443

 8  3 11 76        0.002    0.003    1.493    1.438

 9  3 11 76        0.002    0.003    1.507    1.446

10  3 11 76        0.001    0.002    1.506    1.447

11  3 11 76        0.001    0.002    1.457    1.411

12  3 11 76        0.001    0.002    1.402    1.373

13  3 11 76        0.001    0.002    1.392    1.362

14  3 11 76        0.001    0.002    1.386    1.358

15  3 11 76       99.000   99.000   99.000   99.000

16  3 11 76        0.001    0.002   99.000   99.000

17  3 11 76        0.001    0.002    1.362    1.336

18  3 11 76        0.001    0.002    1.427    1.391

19  3 11 76        0.001    0.002    1.440    1.411

20  3 11 76        0.001    0.002    1.450    1.418

21  3 11 76        0.001    0.002    1.443    1.414

22  3 11 76        0.002    0.002    1.453    1.426

23  3 11 76        0.002    0.002    1.458    1.423
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	4	11	76	0.001	0.002	1.447	1.420
1	4	11	76	0.001	0.002	1.455	1.425
2	4	11	76	0.001	0.002	1.449	1.422
3	4	11	76	0.001	0.002	1.457	1.426
4	4	11	76	0.001	0.002	1.456	1.421
5	4	11	76	0.001	0.002	1.465	1.431
6	4	11	76	0.001	0.002	1.472	1.432
7	4	11	76	0.001	0.002	1.491	1.445
8	4	11	76	0.001	0.002	1.515	1.468
9	4	11	76	0.001	0.002	1.457	1.423
10	4	11	76	0.001	0.002	1.426	1.397
11	4	11	76	0.001	0.002	1.390	1.367
12	4	11	76	0.001	0.002	1.367	1.346
13	4	11	76	0.001	0.002	1.355	1.333
14	4	11	76	0.001	0.002	1.357	1.340
15	4	11	76	0.001	0.002	1.363	1.344
16	4	11	76	0.001	0.002	1.378	1.350
17	4	11	76	0.001	0.002	1.397	1.351
18	4	11	76	0.001	0.002	1.419	1.386
19	4	11	76	0.001	0.002	1.470	1.425
20	4	11	76	0.001	0.002	1.500	1.448
21	4	11	76	0.001	0.002	1.507	1.456
22	4	11	76	0.001	0.002	1.510	1.452
23	4	11	76	0.001	0.002	1.500	1.449

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                         AIR QUALITY DATA
HR DY MO YR          SO2       H2S       THC      CH4
++ ++ ++ ++        +-------------------------------------+

 0  5 11 76        0.001     0.002     1.476     1.438

 1  5 11 76        0.001     0.002     1.462     1.426

 2  5 11 76        0.001     0.002     1.458     1.426

 3  5 11 76        0.001     0.002     1.450     1.422

 4  5 11 76        0.001     0.002     1.453     1.427

 5  5 11 76        0.001     0.002     1.438     1.413

 6  5 11 76        0.001     0.002     1.443     1.416

 7  5 11 76        0.001     0.002     1.450     1.423

 8  5 11 76        0.001     0.002     1.453     1.421

 9  5 11 76        0.001     0.002     1.439     1.408

10  5 11 76        0.001     0.003     1.403     1.383

11  5 11 76        0.001     0.002     1.378     1.363

12  5 11 76        0.001     0.002     1.358     1.344

13  5 11 76        0.001     0.002     1.339     1.328

14  5 11 76        0.001     0.002     1.407     1.320

15  5 11 76        0.001     0.002     1.354     1.319

16  5 11 76        0.001     0.002     1.357     1.337

17  5 11 76        0.001     0.002     1.389     1.357

18  5 11 76        0.001     0.002    99.000    99.000

19  5 11 76        0.001     0.002     1.418     1.371

20  5 11 76        0.001     0.002     1.477     1.436

21  5 11 76        0.001     0.002     1.500     1.453

22  5 11 76        0.001     0.002     1.524     1.476

23  5 11 76        0.001     0.002     1.504     1.462
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	6	11	76	0.001	0.002	1.491	1.449
1	6	11	76	0.001	0.002	1.481	1.440
2	6	11	76	0.001	0.002	1.486	1.447
3	6	11	76	0.001	0.002	1.476	1.440
4	6	11	76	0.001	0.002	1.475	1.440
5	6	11	76	0.001	0.002	1.476	1.442
6	6	11	76	0.001	0.002	1.453	1.424
7	6	11	76	0.001	0.002	1.468	1.429
8	6	11	76	0.002	0.002	1.462	1.427
9	6	11	76	0.002	0.002	1.422	1.399
10	6	11	76	0.002	0.002	1.396	1.379
11	6	11	76	0.002	0.002	1.444	1.416
12	6	11	76	0.001	0.002	1.383	1.365
13	6	11	76	0.001	0.002	1.353	1.338
14	6	11	76	0.001	0.002	1.339	1.329
15	6	11	76	0.001	0.002	1.342	1.332
16	6	11	76	0.001	0.002	1.405	1.345
17	6	11	76	0.001	0.002	1.386	1.357
18	6	11	76	0.002	0.002	1.399	1.376
19	6	11	76	0.001	0.002	1.441	1.409
20	6	11	76	0.001	0.002	1.475	1.440
21	6	11	76	0.001	0.002	1.461	1.431
22	6	11	76	0.001	0.002	1.468	1.434
23	6	11	76	0.002	0.002	1.481	1.441

```
                          AIR QUALITY DATA
HR DY MO  YR       SO2      H2S      THC      CH4
++ ++ ++  ++      +-----------------------------------+

 0  7 11  76     0.002    0.002    1.472    1.437

 1  7 11  76     0.001    0.002    1.474    1.437

 2  7 11  76     0.001    0.002    1.471    1.436

 3  7 11  76     0.001    0.002    1.466    1.434

 4  7 11  76     0.001    0.002    1.476    1.443

 5  7 11  76     0.001    0.002    1.498    1.459

 6  7 11  76     0.001    0.002    1.482    1.450

 7  7 11  76     0.001    0.002    1.493    1.454

 8  7 11  76     0.001    0.002    1.490    1.449

 9  7 11  76     0.001    0.002    1.509    1.457

10  7 11  76     0.001    0.002    1.530    1.476

11  7 11  76     0.001    0.002    1.480    1.437

12  7 11  76     0.001    0.002    1.426    1.394

13  7 11  76     0.001    0.002    1.403    1.376

14  7 11  76     0.001    0.002    1.402    1.378

15  7 11  76     0.001    0.002    1.407    1.383

16  7 11  76     0.001    0.002    1.409    1.383

17  7 11  76     0.001    0.002    1.404    1.380

18  7 11  76     0.001    0.002    1.435    1.402

19  7 11  76     0.001    0.002    1.484    1.444

20  7 11  76     0.001    0.002    1.498    1.457

21  7 11  76     0.001    0.002    1.466    1.436

22  7 11  76     0.001    0.002    1.458    1.435

23  7 11  76     0.001    0.002    1.466    1.438
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	8	11	76	0.001	0.002	1.457	1.430
1	8	11	76	0.001	0.002	1.452	1.428
2	8	11	76	0.001	0.002	1.461	1.436
3	8	11	76	0.001	0.002	1.455	1.424
4	8	11	76	0.001	0.002	1.462	1.432
5	8	11	76	0.001	0.001	1.482	1.447
6	8	11	76	0.001	0.002	1.482	1.445
7	8	11	76	0.001	0.002	1.474	1.439
8	8	11	76	0.001	0.002	1.463	1.430
9	8	11	76	0.001	0.002	1.445	1.418
10	8	11	76	0.001	0.002	1.449	1.423
11	8	11	76	0.001	0.002	1.468	1.433
12	8	11	76	0.001	0.002	1.384	1.368
13	8	11	76	0.001	0.002	1.350	1.339
14	8	11	76	0.001	0.002	1.342	1.335
15	8	11	76	0.001	0.002	1.347	1.335
16	8	11	76	0.001	0.002	1.354	1.340
17	8	11	76	0.001	0.002	1.357	1.341
18	8	11	76	0.001	0.002	1.388	1.370
19	8	11	76	0.001	0.002	1.419	1.397
20	8	11	76	0.001	0.002	1.440	1.415
21	8	11	76	0.001	0.002	1.455	1.424
22	8	11	76	0.001	0.002	1.455	1.423
23	8	11	76	0.001	0.002	1.453	1.425

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	9	11	76	0.001	0.002	1.454	1.427
1	9	11	76	0.001	0.002	1.461	1.429
2	9	11	76	0.002	0.002	1.475	1.441
3	9	11	76	0.002	0.002	1.488	1.449
4	9	11	76	0.002	0.002	1.488	1.444
5	9	11	76	0.002	0.002	1.497	1.451
6	9	11	76	0.002	0.002	1.490	1.446
7	9	11	76	0.002	0.002	1.494	1.448
8	9	11	76	0.002	0.002	1.475	1.431
9	9	11	76	0.001	0.002	1.503	1.451
10	9	11	76	0.001	0.002	1.488	1.450
11	9	11	76	0.001	0.002	1.441	1.405
12	9	11	76	0.001	0.002	1.384	1.367
13	9	11	76	0.001	0.002	1.366	1.349
14	9	11	76	0.001	0.002	1.355	1.343
15	9	11	76	0.001	0.002	1.358	1.349
16	9	11	76	0.001	0.002	1.367	1.355
17	9	11	76	0.001	0.002	1.383	1.365
18	9	11	76	99.000	99.000	99.000	99.000
19	9	11	76	0.001	0.002	1.447	1.419
20	9	11	76	0.002	0.003	1.466	1.432
21	9	11	76	0.002	0.003	1.475	1.437
22	9	11	76	0.002	0.002	1.492	1.442
23	9	11	76	0.002	0.002	1.485	1.441

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR DY MO YR              SO2      H2S      THC      CH4
++ ++ ++ ++             +---------------------------------+

 0 10 11 76             0.002    0.002    1.457    1.426

 1 10 11 76             0.001    0.002    1.451    1.421

 2 10 11 76             0.001    0.002    1.446    1.424

 3 10 11 76             0.001    0.002    1.444    1.422

 4 10 11 76             0.001    0.002    1.435    1.410

 5 10 11 76             0.001    0.002    1.441    1.417

 6 10 11 76             0.001    0.002    1.438    1.420

 7 10 11 76             0.001    0.002    1.421    1.404

 8 10 11 76             0.001    0.002    1.421    1.401

 9 10 11 76             0.001    0.002    1.402    1.386

10 10 11 76             0.001    0.002    1.390    1.376

11 10 11 76             0.001    0.002    1.409    1.392

12 10 11 76             0.001    0.002    1.404    1.390

13 10 11 76             0.001    0.002    1.386    1.372

14 10 11 76             0.001    0.002    1.358    1.347

15 10 11 76             0.001    0.002    1.359    1.350

16 10 11 76             0.001    0.002    1.368    1.355

17 10 11 76             0.001    0.002    1.374    1.356

18 10 11 76             0.001    0.002    1.411    1.392

19 10 11 76             0.001    0.002    1.430    1.405

20 10 11 76             0.001    0.002    1.435    1.414

21 10 11 76             0.001    0.002    1.443    1.420

22 10 11 76             0.001    0.002    1.442    1.418

23 10 11 76             0.001    0.002    1.437    1.419
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                      AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++         +-----------------------------------+

 0 11 11 76         0.001    0.002    1.447    1.418

 1 11 11 76         0.001    0.002    1.488    1.449

 2 11 11 76         0.001    0.002    1.477    1.439

 3 11 11 76         0.001    0.002    1.478    1.435

 4 11 11 76         0.001    0.002    1.489    1.445

 5 11 11 76         0.001    0.002    1.476    1.440

 6 11 11 76         0.001    0.002    1.486    1.453

 7 11 11 76         0.001    0.002    1.495    1.452

 8 11 11 76         0.001    0.002    1.489    1.452

 9 11 11 76         0.001    0.001    1.484    1.446

10 11 11 76         0.001    0.001    1.519    1.467

11 11 11 76         0.001    0.002    1.488    1.444

12 11 11 76         0.001    0.002    1.444    1.410

13 11 11 76         0.001    0.002    1.380    1.361

14 11 11 76         0.001    0.002    1.365    1.350

15 11 11 76         0.001    0.002    1.350    1.338

16 11 11 76         0.001    0.002    1.354    1.343

17 11 11 76         0.001    0.002    1.368    1.355

18 11 11 76         0.001    0.002    1.421    1.400

19 11 11 76         0.001    0.002    1.440    1.420

20 11 11 76         0.001    0.002    1.441    1.419

21 11 11 76         0.001    0.002    1.431    1.409

22 11 11 76         0.001    0.002    1.436    1.414

23 11 11 76         0.001    0.001    1.430    1.410
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	12	11	76	0.001	0.002	1.437	1.420
1	12	11	76	0.001	0.002	1.442	1.419
2	12	11	76	0.001	0.002	1.447	1.423
3	12	11	76	0.001	0.002	1.453	1.427
4	12	11	76	0.001	0.002	1.448	1.417
5	12	11	76	0.001	0.002	1.455	1.424
6	12	11	76	0.001	0.002	1.480	1.445
7	12	11	76	0.001	0.002	1.495	1.457
8	12	11	76	0.001	0.002	1.492	1.450
9	12	11	76	0.001	0.002	1.483	1.445
10	12	11	76	0.002	0.002	1.466	1.428
11	12	11	76	0.001	0.002	99.000	99.000
12	12	11	76	0.002	0.002	99.000	99.000
13	12	11	76	0.002	0.002	1.480	1.428
14	12	11	76	0.002	0.002	1.509	1.452
15	12	11	76	0.002	0.002	1.520	1.457
16	12	11	76	0.001	0.002	1.504	1.450
17	12	11	76	0.001	0.002	1.494	1.448
18	12	11	76	0.001	0.002	1.506	1.458
19	12	11	76	0.001	0.002	1.544	1.488
20	12	11	76	0.001	0.002	1.537	1.476
21	12	11	76	0.001	0.002	1.524	1.467
22	12	11	76	0.001	0.002	1.525	1.467
23	12	11	76	0.001	0.002	1.526	1.470

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++      +------------------------------------+

 0 13 11 76      0.001    0.002    1.549    1.487

 1 13 11 76      0.001    0.002    1.548    1.496

 2 13 11 76      0.001    0.002    1.531    1.475

 3 13 11 76      0.001    0.002    1.524    1.475

 4 13 11 76      0.001    0.002    1.534    1.485

 5 13 11 76      0.001    0.002    1.516    1.467

 6 13 11 76      0.001    0.002    1.520    1.467

 7 13 11 76      0.001    0.002    1.527    1.468

 8 13 11 76      0.001    0.002    1.525    1.470

 9 13 11 76      0.001    0.001    1.545    1.480

10 13 11 76      0.001    0.002    1.580    1.508

11 13 11 76      0.001    0.002    1.574    1.507

12 13 11 76      0.001    0.002    1.553    1.487

13 13 11 76      0.001    0.002    1.564    1.495

14 13 11 76      0.001    0.002    1.570    1.501

15 13 11 76      0.001    0.002    1.559    1.495

16 13 11 76      0.001    0.002    1.543    1.478

17 13 11 76     99.000   99.000   99.000   99.000

18 13 11 76      0.001    0.002   99.000   99.000

19 13 11 76      0.001    0.002    1.532    1.464

20 13 11 76      0.001    0.002    1.610    1.543

21 13 11 76      0.001    0.002    1.615    1.548

22 13 11 76      0.001    0.002    1.624    1.551

23 13 11 76      0.001    0.002    1.645    1.564
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	14	11	76	0.001	0.002	1.636	1.545
1	14	11	76	0.001	0.002	1.615	1.539
2	14	11	76	0.001	0.002	1.638	1.569
3	14	11	76	0.001	0.002	1.590	1.526
4	14	11	76	0.001	0.002	1.573	1.506
5	14	11	76	0.001	0.002	1.642	1.574
6	14	11	76	0.001	0.002	1.584	1.520
7	14	11	76	0.001	0.002	1.579	1.519
8	14	11	76	0.001	0.002	1.576	1.511
9	14	11	76	0.001	0.002	1.559	1.496
10	14	11	76	0.001	0.002	1.510	1.461
11	14	11	76	0.001	0.002	1.486	1.442
12	14	11	76	0.001	0.002	1.469	1.424
13	14	11	76	0.001	0.002	1.457	1.410
14	14	11	76	0.001	0.002	1.458	1.413
15	14	11	76	0.001	0.002	1.440	1.399
16	14	11	76	0.001	0.002	1.453	1.412
17	14	11	76	0.001	0.002	1.482	1.431
18	14	11	76	0.001	0.002	1.486	1.440
19	14	11	76	0.001	0.002	1.492	1.443
20	14	11	76	0.001	0.002	1.491	1.447
21	14	11	76	0.001	0.002	1.496	1.446
22	14	11	76	0.001	0.002	1.488	1.439
23	14	11	76	0.001	0.002	1.522	1.466

```
RIO BLANCO OIL SHALE PROJECT   SITE   FOUR


                        AIR QUALITY DATA
HR DY MO  YR             SO2      H2S      THC       CH4
++ ++ ++  ++            +------------------------------+

 0 15 11  76           0.002    0.002    1.524     1.470

 1 15 11  76           0.002    0.002    1.527     1.470

 2 15 11  76           0.002    0.002    1.539     1.482

 3 15 11  76           0.002    0.002    1.530     1.473

 4 15 11  76           0.002    0.002    1.524     1.469

 5 15 11  76           0.002    0.002    1.532     1.469

 6 15 11  76           0.002    0.002    1.539     1.484

 7 15 11  76           0.002    0.002    1.529     1.473

 8 15 11  76           0.002    0.002    1.524     1.468

 9 15 11  76           0.002    0.002    1.501     1.449

10 15 11  76           0.002    0.002    1.488     1.444

11 15 11  76           0.002    0.002    1.467     1.427

12 15 11  76           0.002    0.002    1.450     1.413

13 15 11  76           0.002    0.002    1.444     1.407

14 15 11  76           0.001    0.002    1.435     1.400

15 15 11  76           0.001    0.002    1.437     1.404

16 15 11  76           0.001    0.002    1.444     1.406

17 15 11  76           0.001    0.002    1.461     1.416

18 15 11  76           0.001    0.002    1.488     1.440

19 15 11  76           0.001    0.002    1.506     1.453

20 15 11  76           0.002    0.002    1.510     1.457

21 15 11  76           0.001    0.002    1.489     1.446

22 15 11  76           0.001    0.002    1.484     1.441

23 15 11  76           0.001    0.002    1.481     1.440
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +------------------------------+

 0 16 11 76        0.001    0.002    1.497    1.451

 1 16 11 76        0.001    0.002    1.515    1.462

 2 16 11 76        0.001    0.001    1.493    1.443

 3 16 11 76        0.001    0.002    1.523    1.469

 4 16 11 76        0.001    0.002    1.532    1.472

 5 16 11 76        0.001    0.002    1.538    1.475

 6 16 11 76        0.001    0.002    1.527    1.468

 7 16 11 76        0.001    0.002    1.516    1.463

 8 16 11 76        0.001    0.002    1.512    1.460

 9 16 11 76        0.001    0.002    1.500    1.454

10 16 11 76        0.001    0.002    1.484    1.442

11 16 11 76        0.001    0.002    1.466    1.427

12 16 11 76        0.001    0.002    1.454    1.415

13 16 11 76        0.001    0.002    1.443    1.406

14 16 11 76        0.001    0.002    1.446    1.408

15 16 11 76        0.001    0.002    1.449    1.409

16 16 11 76        0.001    0.002    1.442    1.404

17 16 11 76        0.001    0.002    1.443    1.409

18 16 11 76        0.001    0.002    1.478    1.441

19 16 11 76        0.001    0.002    1.499    1.457

20 16 11 76        0.001    0.002    1.508    1.463

21 16 11 76        0.001    0.002    1.511    1.469

22 16 11 76        0.001    0.002    1.523    1.478

23 16 11 76        0.001    0.002    1.526    1.476
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                        AIR QUALITY DATA
HR DY MO YR              SO2     H2S      THC     CH4
++ ++ ++ ++             +-----------------------------+

 0 17 11 76     0.001   0.002    1.533    1.479

 1 17 11 76     0.001   0.002    1.551    1.495

 2 17 11 76     0.001   0.002    1.551    1.493

 3 17 11 76     0.001   0.002    1.538    1.481

 4 17 11 76     0.001   0.001    1.542    1.487

 5 17 11 76     0.001   0.002    1.566    1.505

 6 17 11 76     0.001   0.002    1.556    1.498

 7 17 11 76     0.001   0.002    1.546    1.489

 8 17 11 76     0.001   0.002    1.559    1.499

 9 17 11 76     0.001   0.002    1.597    1.529

10 17 11 76     0.001   0.002    1.548    1.493

11 17 11 76     0.001   0.002    1.512    1.463

12 17 11 76     0.001   0.002    1.513    1.463

13 17 11 76     0.001   0.002    1.453    1.415

14 17 11 76     0.001   0.002    1.442    1.402

15 17 11 76     0.001   0.002    1.437    1.394

16 17 11 76     0.001   0.002    1.435    1.391

17 17 11 76     0.001   0.002    1.444    1.398

18 17 11 76     0.001   0.002    1.499    1.445

19 17 11 76     0.001   0.002    1.522    1.466

20 17 11 76     0.001   0.002    1.532    1.473

21 17 11 76     0.001   0.002    1.541    1.480

22 17 11 76     0.001   0.002    1.532    1.476

23 17 11 76     0.001   0.002    1.542    1.486
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	18	11	76	0.001	0.002	1.520	1.463
1	18	11	76	0.002	0.002	1.523	1.468
2	18	11	76	0.002	0.002	1.510	1.461
3	18	11	76	0.002	0.002	1.530	1.477
4	18	11	76	0.002	0.002	1.524	1.472
5	18	11	76	0.002	0.002	1.533	1.475
6	18	11	76	0.001	0.002	1.553	1.488
7	18	11	76	0.002	0.002	1.549	1.491
8	18	11	76	0.001	0.002	1.540	1.482
9	18	11	76	0.002	0.002	1.515	1.460
10	18	11	76	0.002	0.003	1.537	1.475
11	18	11	76	0.002	0.002	1.502	1.449
12	18	11	76	0.001	0.002	1.502	1.447
13	18	11	76	0.001	0.002	1.433	1.391
14	18	11	76	0.001	0.002	1.398	1.365
15	18	11	76	0.001	0.002	1.383	1.349
16	18	11	76	0.001	0.002	1.379	1.344
17	18	11	76	0.001	0.002	1.382	1.343
18	18	11	76	0.002	0.002	1.429	1.382
19	18	11	76	0.002	0.003	1.460	1.408
20	18	11	76	0.002	0.003	1.490	1.431
21	18	11	76	0.002	0.003	1.510	1.443
22	18	11	76	0.002	0.003	1.540	1.457
23	18	11	76	0.002	0.002	1.571	1.475

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                         AIR QUALITY DATA
HR DY MO YR       SO2      H2S      THC      CH4
++ ++ ++ ++      +-----------------------------------+

 0 19 11 76      0.001    0.002    1.559    1.474

 1 19 11 76      0.001    0.002    1.567    1.475

 2 19 11 76      0.001    0.002    1.557    1.466

 3 19 11 76      0.001    0.002    1.554    1.471

 4 19 11 76      0.001    0.002    1.557    1.473

 5 19 11 76      0.001    0.002    1.548    1.467

 6 19 11 76      0.001    0.002    1.538    1.465

 7 19 11 76      0.001    0.002    1.541    1.467

 8 19 11 76      0.001    0.002    1.527    1.459

 9 19 11 76      0.001    0.002    1.511    1.445

10 19 11 76      0.001    0.002    1.513    1.451

11 19 11 76      0.001    0.002   99.000   99.000

12 19 11 76      0.001    0.002   99.000   99.000

13 19 11 76      0.001    0.002    1.486    1.440

14 19 11 76      0.001    0.002    1.484    1.440

15 19 11 76      0.001    0.002    1.483    1.438

16 19 11 76      0.001    0.002    1.458    1.420

17 19 11 76      0.001    0.002    1.446    1.413

18 19 11 76      0.001    0.002    1.487    1.447

19 19 11 76      0.001    0.002    1.503    1.462

20 19 11 76      0.001    0.002    1.524    1.476

21 19 11 76      0.001    0.002    1.527    1.478

22 19 11 76      0.001    0.002    1.544    1.490

23 19 11 76      0.001    0.002    1.556    1.500
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                     AIR QUALITY DATA
HR DY MO YR           SO2     H2S      THC      CH4
++ ++ ++ ++          +--------------------------------+

 0 20 11 76         0.001    0.002    1.559    1.497

 1 20 11 76         0.001    0.002    1.581    1.518

 2 20 11 76         0.001    0.002    1.594    1.526

 3 20 11 76         0.001    0.002    1.602    1.531

 4 20 11 76         0.001    0.002    1.608    1.539

 5 20 11 76         0.001    0.002    1.625    1.543

 6 20 11 76         0.001    0.002    1.604    1.530

 7 20 11 76         0.001    0.002    1.595    1.526

 8 20 11 76         0.001    0.002    1.576    1.512

 9 20 11 76         0.001    0.002    1.573    1.515

10 20 11 76         0.001    0.002    1.587    1.523

11 20 11 76         0.001    0.002    1.669    1.597

12 20 11 76         0.001    0.002    1.616    1.556

13 20 11 76         0.001    0.002    1.566    1.512

14 20 11 76         0.001    0.002    1.499    1.458

15 20 11 76         0.001    0.002    1.487    1.445

16 20 11 76         0.001    0.002    1.480    1.438

17 20 11 76         0.001    0.002    1.478    1.437

18 20 11 76        99.000   99.000   99.000   99.000

19 20 11 76         0.001    0.002    1.509    1.459

20 20 11 76         0.001    0.002    1.554    1.496

21 20 11 76         0.001    0.002    1.553    1.497

22 20 11 76         0.001    0.002    1.552    1.500

23 20 11 76         0.001    0.002    1.569    1.515
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                          AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++        +------------------------------+

 0 21 11 76       0.002    0.002    1.588    1.529

 1 21 11 76       0.002    0.002    1.581    1.523

 2 21 11 76       0.002    0.002    1.573    1.520

 3 21 11 76       0.002    0.002    1.579    1.529

 4 21 11 76       0.002    0.002    1.573    1.521

 5 21 11 76       0.002    0.002    1.590    1.537

 6 21 11 76       0.002    0.002    1.591    1.532

 7 21 11 76       0.002    0.002    1.584    1.530

 8 21 11 76       0.002    0.002    1.597    1.542

 9 21 11 76       0.002    0.002    1.576    1.523

10 21 11 76       0.002    0.002    1.628    1.557

11 21 11 76       0.002    0.002    1.574    1.513

12 21 11 76       0.002    0.002    1.546    1.495

13 21 11 76       0.001    0.002    1.509    1.469

14 21 11 76       0.001    0.002    1.493    1.451

15 21 11 76      99.000   99.000   99.000   99.000

16 21 11 76       0.001    0.002    1.440    1.396

17 21 11 76       0.001    0.002    1.497    1.451

18 21 11 76       0.002    0.002    1.555    1.504

19 21 11 76       0.001    0.002    1.572    1.517

20 21 11 76       0.001    0.002    1.588    1.537

21 21 11 76       0.002    0.002    1.590    1.538

22 21 11 76       0.001    0.002    1.616    1.562

23 21 11 76       0.001    0.002    1.612    1.556
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	22	11	76	0.001	0.002	1.625	1.566
1	22	11	76	0.001	0.002	1.619	1.566
2	22	11	76	0.001	0.002	1.618	1.562
3	22	11	76	0.001	0.002	1.628	1.572
4	22	11	76	0.001	0.002	1.620	1.568
5	22	11	76	0.001	0.002	1.609	1.555
6	22	11	76	0.001	0.002	1.587	1.539
7	22	11	76	0.001	0.002	1.593	1.538
8	22	11	76	0.001	0.002	1.596	1.544
9	22	11	76	0.001	0.002	1.566	1.514
10	22	11	76	0.001	0.002	1.569	1.516
11	22	11	76	0.001	0.002	1.566	1.518
12	22	11	76	0.001	0.002	1.547	1.494
13	22	11	76	0.001	0.002	1.495	1.457
14	22	11	76	0.001	0.002	1.482	1.444
15	22	11	76	0.001	0.002	1.485	1.443
16	22	11	76	0.001	0.002	1.482	1.440
17	22	11	76	0.001	0.002	1.519	1.464
18	22	11	76	0.001	0.002	1.568	1.499
19	22	11	76	0.001	0.002	1.602	1.533
20	22	11	76	0.001	0.002	1.583	1.521
21	22	11	76	0.001	0.002	1.565	1.510
22	22	11	76	0.001	0.002	1.565	1.512
23	22	11	76	0.001	0.002	1.580	1.525

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	23	11	76	0.001	0.002	1.583	1.523
1	23	11	76	0.001	0.002	1.605	1.542
2	23	11	76	0.001	0.002	1.600	1.537
3	23	11	76	0.001	0.002	1.604	1.534
4	23	11	76	0.001	0.002	1.619	1.545
5	23	11	76	0.001	0.002	1.602	1.534
6	23	11	76	0.001	0.002	1.588	1.526
7	23	11	76	0.001	0.002	1.577	1.517
8	23	11	76	0.001	0.002	1.570	1.515
9	23	11	76	0.001	0.002	1.559	1.504
10	23	11	76	0.001	0.002	1.551	1.500
11	23	11	76	0.001	0.002	1.554	1.496
12	23	11	76	0.001	0.002	1.503	1.462
13	23	11	76	0.001	0.002	1.469	1.443
14	23	11	76	0.001	0.002	1.466	1.436
15	23	11	76	0.001	0.002	1.470	1.438
16	23	11	76	0.001	0.001	1.474	1.438
17	23	11	76	0.001	0.001	1.480	1.442
18	23	11	76	0.001	0.002	1.546	1.495
19	23	11	76	0.001	0.002	1.579	1.525
20	23	11	76	0.001	0.002	1.593	1.532
21	23	11	76	0.001	0.002	1.599	1.538
22	23	11	76	0.001	0.002	1.606	1.547
23	23	11	76	0.001	0.002	1.609	1.549

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
                       AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC      CH4
++ ++ ++ ++     +------------------------------------+

 0 24 11 76     0.002    0.002    1.611    1.548

 1 24 11 76     0.002    0.003    1.599    1.537

 2 24 11 76     0.002    0.003    1.603    1.541

 3 24 11 76     0.002    0.003    1.601    1.545

 4 24 11 76     0.002    0.003    1.585    1.531

 5 24 11 76     0.002    0.002    1.579    1.529

 6 24 11 76     0.002    0.002    1.564    1.521

 7 24 11 76     0.002    0.002    1.576    1.529

 8 24 11 76     0.002    0.002    1.570    1.522

 9 24 11 76     0.002    0.002    1.555    1.504

10 24 11 76     0.002    0.002    1.535    1.483

11 24 11 76     0.002    0.002    1.523    1.478

12 24 11 76     0.002    0.002    1.528    1.483

13 24 11 76     0.001    0.002    1.487    1.450

14 24 11 76     0.001    0.002    1.452    1.426

15 24 11 76     0.001    0.002    1.457    1.424

16 24 11 76     0.001    0.002    1.472    1.438

17 24 11 76     0.001    0.002    1.489    1.450

18 24 11 76     0.001    0.002    1.516    1.476

19 24 11 76     0.001    0.002    1.553    1.496

20 24 11 76     0.001    0.002    1.560    1.506

21 24 11 76     0.001    0.002    1.557    1.506

22 24 11 76     0.002    0.002    1.556    1.510

23 24 11 76     0.002    0.002    1.567    1.517
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                    AIR QUALITY DATA
HR DY MO YR          SO2      H2S      THC      CH4
++ ++ ++ ++       +-----------------------------------+

 0 25 11 76       0.001    0.002    1.574    1.524

 1 25 11 76       0.001    0.002    1.577    1.528

 2 25 11 76       0.001    0.002    1.551    1.508

 3 25 11 76       0.001    0.002    1.529    1.493

 4 25 11 76       0.001    0.002    1.516    1.475

 5 25 11 76       0.001    0.002    1.525    1.480

 6 25 11 76       0.001    0.002    1.548    1.500

 7 25 11 76       0.001    0.002    1.553    1.504

 8 25 11 76       0.001    0.002    1.557    1.509

 9 25 11 76       0.001    0.002    1.523    1.481

10 25 11 76       0.001    0.002    1.517    1.473

11 25 11 76       0.001    0.002    1.521    1.475

12 25 11 76       0.001    0.002    1.467    1.432

13 25 11 76       0.001    0.002    1.453    1.417

14 25 11 76       0.001    0.002    1.445    1.413

15 25 11 76       0.001    0.002    1.448    1.413

16 25 11 76       0.001    0.002    1.453    1.419

17 25 11 76       0.001    0.002    1.485    1.443

18 25 11 76       0.001    0.002    1.511    1.462

19 25 11 76       0.001    0.002    1.499    1.451

20 25 11 76       0.001    0.002    1.485    1.442

21 25 11 76       0.001    0.002    1.512    1.457

22 25 11 76       0.001    0.002    1.537    1.483

23 25 11 76       0.001    0.002    1.531    1.481
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                       AIR QUALITY DATA
HR DY MO YR      SO2      H2S      THC      CH4
++ ++ ++ ++     +-----------------------------------+

 0 26 11 76    0.001    0.002    1.514    1.469

 1 26 11 76    0.001    0.002    1.501    1.459

 2 26 11 76    0.001    0.002    1.491    1.451

 3 26 11 76    0.001    0.002    1.519    1.469

 4 26 11 76    0.001    0.002    1.515    1.467

 5 26 11 76    0.001    0.002    1.531    1.474

 6 26 11 76    0.001    0.002    1.545    1.490

 7 26 11 76    0.001    0.001    1.544    1.491

 8 26 11 76    0.001    0.002    1.542    1.492

 9 26 11 76    0.001    0.002    1.541    1.491

10 26 11 76    0.001    0.001    1.541    1.489

11 26 11 76    0.0      0.001    1.534    1.486

12 26 11 76    0.001    0.001    1.530    1.484

13 26 11 76    0.001    0.001    1.539    1.489

14 26 11 76    0.001    0.001    1.552    1.494

15 26 11 76    0.001    0.001    1.554    1.497

16 26 11 76    0.001    0.001    1.551    1.496

17 26 11 76    0.0      0.001    1.526    1.478

18 26 11 76    0.001    0.001    1.525    1.480

19 26 11 76    0.001    0.001    1.539    1.487

20 26 11 76    0.001    0.001    1.546    1.493

21 26 11 76    0.001    0.001    1.544    1.494

22 26 11 76    0.001    0.001    1.544    1.495

23 26 11 76    0.001    0.002    1.580    1.522
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                       AIR QUALITY DATA
HR DY MO YR             SO2       H2S      THC      CH4
++ ++ ++ ++            +----------------------------------+

 0 27 11 76           0.001     0.002     1.573    1.516

 1 27 11 76           0.001     0.002     1.568    1.510

 2 27 11 76           0.001     0.002     1.569    1.510

 3 27 11 76           0.001     0.002     1.561    1.509

 4 27 11 76           0.001     0.002     1.565    1.516

 5 27 11 76           0.001     0.002     1.558    1.513

 6 27 11 76           0.001     0.002     1.573    1.519

 7 27 11 76           0.001     0.002     1.584    1.531

 8 27 11 76           0.001     0.002     1.595    1.542

 9 27 11 76           0.001     0.002     1.577    1.525

10 27 11 76           0.001     0.002     1.580    1.523

11 27 11 76           0.001     0.002     1.565    1.512

12 27 11 76           0.001     0.002     1.551    1.503

13 27 11 76           0.001     0.002     1.547    1.499

14 27 11 76           0.001     0.002     1.539    1.493

15 27 11 76           0.001     0.002     1.537    1.489

16 27 11 76           0.001     0.002     1.531    1.484

17 27 11 76           0.001     0.002     1.544    1.494

18 27 11 76           0.001     0.002    99.000   99.000

19 27 11 76           0.001     0.002     1.555    1.514

20 27 11 76           0.001     0.002     1.578    1.544

21 27 11 76           0.001     0.002     1.579    1.542

22 27 11 76           0.001     0.002     1.585    1.546

23 27 11 76           0.001     0.002     1.582    1.545
```

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	28	11	76	0.001	0.002	1.577	1.547
1	28	11	76	0.001	0.001	1.580	1.549
2	28	11	76	0.001	0.001	1.602	1.572
3	28	11	76	0.001	0.001	1.618	1.582
4	28	11	76	0.001	0.001	1.618	1.585
5	28	11	76	0.001	0.001	1.638	1.601
6	28	11	76	0.001	0.001	1.659	1.620
7	28	11	76	0.001	0.001	1.700	1.644
8	28	11	76	0.001	0.001	1.687	1.639
9	28	11	76	0.001	0.001	1.639	1.596
10	28	11	76	0.001	0.001	1.636	1.595
11	28	11	76	0.001	0.001	1.621	1.571
12	28	11	76	0.001	0.001	1.621	1.560
13	28	11	76	0.001	0.002	1.574	1.519
14	28	11	76	0.001	0.002	1.556	1.503
15	28	11	76	0.001	0.002	1.544	1.490
16	28	11	76	0.001	0.002	1.554	1.495
17	28	11	76	0.001	0.002	1.587	1.517
18	28	11	76	0.001	0.002	1.595	1.527
19	28	11	76	0.001	0.002	1.609	1.546
20	28	11	76	0.001	0.002	1.612	1.547
21	28	11	76	0.001	0.002	1.634	1.567
22	28	11	76	0.001	0.002	1.623	1.557
23	28	11	76	0.001	0.002	1.616	1.555

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR


                          AIR QUALITY DATA
HR DY MO YR              SO2      H2S      THC      CH4
++ ++ ++ ++              +-------------------------------+

 0 29 11 76             0.001    0.002    1.603    1.542

 1 29 11 76             0.001    0.002    1.588    1.531

 2 29 11 76             0.001    0.002    1.595    1.538

 3 29 11 76             0.001    0.002    1.617    1.551

 4 29 11 76             0.001    0.002    1.621    1.553

 5 29 11 76             0.001    0.002    1.634    1.567

 6 29 11 76             0.001    0.002    1.621    1.555

 7 29 11 76             0.001    0.002    1.616    1.550

 8 29 11 76             0.001    0.002    1.614    1.545

 9 29 11 76             0.001    0.002    1.613    1.545

10 29 11 76             0.001    0.002    1.590    1.523

11 29 11 76             0.001    0.002    1.562    1.501

12 29 11 76             0.001    0.002    1.551    1.488

13 29 11 76             0.001    0.002    1.543    1.484

14 29 11 76             0.001    0.002    1.544    1.485

15 29 11 76             0.001    0.002    1.548    1.487

16 29 11 76             0.001    0.002    1.551    1.487

17 29 11 76             0.001    0.002    1.552    1.488

18 29 11 76             0.001    0.002    1.555    1.490

19 29 11 76             0.001    0.002    1.575    1.507

20 29 11 76             0.001    0.002    1.590    1.525

21 29 11 76             0.001    0.002    1.577    1.519

22 29 11 76             0.001    0.002    1.613    1.539

23 29 11 76             0.001    0.002    1.602    1.541
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

AIR QUALITY DATA

HR	DY	MO	YR	SO2	H2S	THC	CH4
0	30	11	76	0.001	0.002	1.608	1.549
1	30	11	76	0.002	0.002	1.609	1.546
2	30	11	76	0.002	0.002	1.619	1.557
3	30	11	76	0.001	0.002	1.595	1.541
4	30	11	76	0.001	0.002	1.604	1.550
5	30	11	76	0.001	0.002	1.611	1.551
6	30	11	76	0.002	0.002	1.603	1.543
7	30	11	76	0.001	0.002	1.591	1.537
8	30	11	76	0.002	0.002	1.590	1.535
9	30	11	76	0.002	0.002	1.576	1.516
10	30	11	76	0.001	0.002	1.575	1.513
11	30	11	76	0.001	0.002	1.563	1.501
12	30	11	76	0.001	0.002	1.530	1.475
13	30	11	76	0.001	0.002	1.518	1.467
14	30	11	76	0.001	0.002	1.536	1.480
15	30	11	76	0.001	0.002	1.536	1.482
16	30	11	76	0.001	0.002	1.531	1.472
17	30	11	76	0.001	0.002	1.546	1.481
18	30	11	76	0.001	0.002	1.546	1.479
19	30	11	76	99.000	99.000	99.000	99.000
20	30	11	76	99.000	99.000	99.000	99.000
21	30	11	76	99.000	99.000	99.000	99.000
22	30	11	76	99.000	99.000	99.000	99.000
23	30	11	76	99.000	99.000	99.000	99.000

A.2

COMPOSITE DAY (HOURLY) SUMMARIES

Section		Page
A.2.1	Composite Day Summaries for Site 1	A.2.1-1 to A.2.1-33
A.2.2	Composite Day Summaries for Site 2	A.2.2-1 to A.2.2-17
A.2.3	Composite Day Summaries for Site 3	A.2.3-1 to A.2.3-33
A.2.4	Composite Day Summaries for Site 4	A.2.4-1 to A.2.4-17

A.2.1

COMPOSITE DAY SUMMARIES FOR SITE 1
FALL 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)
NO_x	Total Nitrogen Oxides Concentration (ppm)
NO	Nitric Oxide Concentration (ppm)
CO	Carbon Monoxide Concentration (ppm)
O_3	Ozone Concentration (ppm)

R80SP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 1 FOR 9/ 1/76 -- 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.0	0.0
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.000	0.002
15	0.0	0.0	0.0
16	0.0	0.0	0.0
17	0.0	0.000	0.001
18	0.0	0.000	0.001
19	0.0	0.0	0.0
20	0.0	0.0	0.0
21	0.0	0.0	0.0
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	0.000	0.001
SUMMARY	0.0	0.000	0.002

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.001	0.001
2	0.0	0.001	0.011
3	0.0	0.001	0.002
4	0.0	0.001	0.001
5	0.0	0.001	0.001
6	0.0	0.001	0.001
7	0.0	0.001	0.001
8	0.0	0.001	0.001
9	0.0	0.001	0.001
10	0.0	0.001	0.001
11	0.0	0.001	0.001
12	0.0	0.000	0.001
13	0.0	0.000	0.001
14	0.0	0.001	0.003
15	0.0	0.000	0.001
16	0.0	0.000	0.001
17	0.0	0.000	0.001
18	0.0	0.000	0.001
19	0.0	0.000	0.001
20	0.0	0.001	0.001
21	0.0	0.001	0.001
22	0.0	0.001	0.001
23	0.0	0.001	0.001
24	0.0	0.001	0.002
SUMMARY	0.0	0.001	0.011

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.422	1.699	1.843
2	1.415	1.701	1.850
3	1.416	1.703	1.853
4	1.421	1.704	1.856
5	1.419	1.702	1.848
6	1.420	1.703	1.842
7	1.425	1.705	1.850
8	1.436	1.708	1.852
9	1.418	1.712	1.870
10	1.416	1.707	1.881
11	1.416	1.702	1.866
12	1.409	1.698	1.850
13	1.401	1.693	1.832
14	1.383	1.685	1.823
15	1.373	1.681	1.808
16	1.396	1.691	1.790
17	1.389	1.688	1.773
18	1.392	1.702	1.789
19	1.396	1.712	1.826
20	1.403	1.715	1.818
21	1.413	1.716	1.825
22	1.415	1.711	1.822
23	1.415	1.711	1.822
24	1.417	1.710	1.831
SUMMARY	1.373	1.702	1.881

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.458	1.713	1.972
2	1.451	1.719	1.981
3	1.451	1.721	1.989
4	1.452	1.720	1.985
5	1.452	1.721	1.985
6	1.449	1.718	1.984
7	1.454	1.720	1.998
8	1.453	1.722	2.000
9	1.451	1.718	1.996
10	1.441	1.711	2.006
11	1.431	1.697	1.977
12	1.418	1.697	1.981
13	1.419	1.693	1.976
14	1.413	1.693	1.970
15	1.408	1.698	1.965
16	1.412	1.700	1.977
17	1.399	1.681	1.999
18	1.410	1.703	1.999
19	1.418	1.714	1.988
20	1.432	1.717	1.961
21	1.445	1.721	1.955
22	1.451	1.710	1.965
23	1.454	1.711	1.956
24	1.455	1.713	1.969
SUMMARY	1.399	1.710	2.006

```
            RBOSP   COMPOSITE DAY SUMMARY

      NITROGEN OXIDES  SITE 1  FOR   9/ 1/76  -   9/30/76
    HOUR OF DAY        MINIMUM        MEAN      MAXIMUM

         1               0.0         0.002       0.010

         2               0.0         0.002       0.009

         3               0.0         0.002       0.009

         4               0.0         0.002       0.009

         5               0.0         0.002       0.009

         6               0.0         0.002       0.009

         7               0.0         0.002       0.010

         8               0.0         0.002       0.009

         9               0.0         0.002       0.009

        10               0.0         0.002       0.009

        11               0.0         0.002       0.009

        12               0.0         0.002       0.008

        13               0.0         0.002       0.008

        14               0.0         0.003       0.012

        15               0.0         0.002       0.009

        16               0.0         0.002       0.009

        17               0.0         0.002       0.009

        18               0.0         0.002       0.008

        19               0.0         0.002       0.009

        20               0.0         0.002       0.009

        21               0.0         0.002       0.009

        22               0.0         0.002       0.009

        23               0.0         0.002       0.010

        24               0.0         0.002       0.010

      SUMMARY            0.0         0.002       0.012
```

RBOSP COMPOSITE DAY SUMMARY

NITRIC OXIDE SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.003	0.010
2	0.0	0.003	0.010
3	0.0	0.003	0.010
4	0.0	0.003	0.010
5	0.0	0.003	0.010
6	0.0	0.003	0.010
7	0.0	0.003	0.010
8	0.0	0.003	0.010
9	0.0	0.003	0.010
10	0.0	0.003	0.010
11	0.0	0.003	0.010
12	0.0	0.003	0.010
13	0.0	0.003	0.010
14	0.001	0.003	0.012
15	0.001	0.003	0.009
16	0.001	0.003	0.010
17	0.0	0.003	0.010
18	0.0	0.003	0.010
19	0.0	0.003	0.010
20	0.0	0.003	0.010
21	0.0	0.003	0.010
22	0.0	0.003	0.010
23	0.0	0.003	0.010
24	0.0	0.003	0.010
SUMMARY	0.0	0.003	0.012

RBOSP COMPOSITE DAY SUMMARY

CARBON MONOXIDE SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.678	1.199
2	0.124	0.698	1.212
3	0.104	0.698	1.225
4	0.086	0.694	1.213
5	0.124	0.697	1.217
6	0.069	0.690	1.203
7	0.084	0.690	1.185
8	0.064	0.680	1.183
9	0.056	0.663	1.159
10	0.062	0.672	1.172
11	0.056	0.683	1.187
12	0.097	0.702	1.226
13	0.078	0.700	1.264
14	0.127	0.726	1.188
15	0.121	0.745	1.205
16	0.142	0.739	1.183
17	0.139	0.745	1.170
18	0.148	0.752	1.187
19	0.140	0.750	1.203
20	0.093	0.732	1.198
21	0.114	0.719	1.183
22	0.110	0.716	1.199
23	0.132	0.698	1.196
24	0.111	0.694	1.178
SUMMARY	0.0	0.706	1.264

```
              RBOSP    COMPOSITE DAY SUMMARY

                 OZONE   SITE 1   FOR   9/ 1/76  -   9/30/76
     HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

          1               0.024        0.033       0.042

          2               0.024        0.032       0.042

          3               0.024        0.032       0.039

          4               0.021        0.031       0.039

          5               0.019        0.031       0.040

          6               0.017        0.031       0.041

          7               0.016        0.030       0.041

          8               0.017        0.030       0.040

          9               0.020        0.030       0.038

         10               0.020        0.030       0.039

         11               0.024        0.032       0.040

         12               0.027        0.033       0.040

         13               0.028        0.034       0.040

         14               0.029        0.034       0.041

         15               0.029        0.035       0.041

         16               0.029        0.035       0.041

         17               0.027        0.035       0.041

         18               0.027        0.035       0.042

         19               0.024        0.034       0.042

         20               0.022        0.032       0.038

         21               0.022        0.032       0.039

         22               0.021        0.033       0.041

         23               0.021        0.033       0.041

         24               0.022        0.033       0.040

       SUMMARY            0.016        0.032       0.042
```

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.000	0.003
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	0.0	0.000	0.001
16	0.0	0.000	0.001
17	0.0	0.0	0.0
18	0.0	0.0	0.0
19	0.0	0.001	0.026
20	0.0	0.000	0.004
21	0.0	0.000	0.001
22	0.0	0.0	0.0
23	0.0	0.001	0.025
24	0.0	0.001	0.019
SUMMARY	0.0	0.000	0.026

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.001	0.004
2	0.0	0.001	0.001
3	0.0	0.001	0.001
4	0.0	0.001	0.001
5	0.0	0.001	0.001
6	0.0	0.001	0.001
7	0.0	0.001	0.001
8	0.0	0.001	0.001
9	0.0	0.001	0.001
10	0.0	0.001	0.012
11	0.0	0.001	0.002
12	0.0	0.001	0.001
13	0.0	0.001	0.001
14	0.0	0.001	0.001
15	0.0	0.001	0.003
16	0.0	0.001	0.001
17	0.0	0.001	0.001
18	0.0	0.001	0.001
19	0.0	0.001	0.001
20	0.0	0.001	0.001
21	0.0	0.001	0.001
22	0.0	0.001	0.001
23	0.0	0.001	0.007
24	0.0	0.002	0.020
SUMMARY	0.0	0.001	0.020

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.735	1.884	2.065
2	1.734	1.884	2.076
3	1.735	1.880	2.051
4	1.735	1.880	2.044
5	1.729	1.878	2.042
6	1.723	1.878	2.046
7	1.737	1.877	2.044
8	1.731	1.880	2.031
9	1.743	1.889	2.051
10	1.750	1.882	2.086
11	1.757	1.870	2.088
12	1.749	1.856	2.046
13	1.751	1.862	2.133
14	1.730	1.880	2.262
15	1.680	1.863	2.033
16	1.740	1.874	2.061
17	1.733	1.878	2.080
18	1.722	1.885	2.076
19	1.738	1.894	2.077
20	1.734	1.897	2.076
21	1.741	1.894	2.060
22	1.745	1.890	2.075
23	1.751	1.892	2.077
24	1.758	1.888	2.062
SUMMARY	1.680	1.881	2.262

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.492	1.575	1.650
2	1.492	1.574	1.648
3	1.492	1.571	1.641
4	1.481	1.569	1.646
5	1.481	1.569	1.644
6	1.419	1.563	1.644
7	1.476	1.567	1.634
8	1.482	1.568	1.647
9	1.477	1.569	1.655
10	1.456	1.565	1.639
11	1.449	1.558	1.628
12	1.437	1.553	1.620
13	1.490	1.552	1.612
14	1.487	1.560	1.660
15	1.469	1.560	1.674
16	1.489	1.564	1.660
17	1.457	1.556	1.651
18	1.489	1.565	1.650
19	1.503	1.572	1.653
20	1.513	1.579	1.662
21	1.518	1.581	1.663
22	1.515	1.580	1.656
23	1.516	1.580	1.651
24	1.500	1.579	1.646
SUMMARY	1.419	1.568	1.674

RBOSP COMPOSITE DAY SUMMARY

NITROGEN OXIDES SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.007	0.009	0.010
2	0.006	0.009	0.010
3	0.006	0.009	0.010
4	0.006	0.009	0.010
5	0.006	0.009	0.010
6	0.006	0.009	0.010
7	0.006	0.009	0.010
8	0.006	0.008	0.010
9	0.006	0.008	0.010
10	0.005	0.008	0.010
11	0.004	0.008	0.010
12	0.004	0.008	0.010
13	0.004	0.007	0.009
14	0.004	0.007	0.009
15	0.005	0.008	0.009
16	0.005	0.008	0.010
17	0.005	0.008	0.010
18	0.005	0.008	0.010
19	0.005	0.008	0.011
20	0.005	0.009	0.010
21	0.006	0.009	0.010
22	0.006	0.009	0.010
23	0.006	0.009	0.010
24	0.006	0.009	0.010
SUMMARY	0.004	0.008	0.011

RBOSP COMPOSITE DAY SUMMARY

NITRIC OXIDE SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.008	0.009	0.010
2	0.008	0.009	0.011
3	0.008	0.009	0.010
4	0.008	0.009	0.010
5	0.008	0.009	0.010
6	0.008	0.009	0.010
7	0.008	0.009	0.010
8	0.007	0.009	0.010
9	0.007	0.009	0.010
10	0.007	0.009	0.010
11	0.006	0.009	0.010
12	0.006	0.009	0.010
13	0.006	0.009	0.010
14	0.007	0.009	0.010
15	0.006	0.009	0.010
16	0.006	0.009	0.010
17	0.007	0.009	0.010
18	0.007	0.009	0.010
19	0.007	0.009	0.012
20	0.007	0.009	0.011
21	0.007	0.009	0.010
22	0.007	0.009	0.011
23	0.007	0.009	0.011
24	0.008	0.009	0.010
SUMMARY	0.006	0.009	0.012

RBOSP COMPOSITE DAY SUMMARY

CARBON MONOXIDE SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.172	0.388
2	0.0	0.175	0.384
3	0.0	0.174	0.359
4	0.0	0.183	0.425
5	0.0	0.179	0.384
6	0.0	0.187	0.472
7	0.0	0.173	0.369
8	0.0	0.180	0.409
9	0.0	0.171	0.383
10	0.0	0.188	1.123
11	0.0	0.162	0.579
12	0.0	0.169	0.425
13	0.0	0.244	1.322
14	0.0	0.213	0.636
15	0.0	0.203	0.395
16	0.0	0.205	0.427
17	0.0	0.229	0.538
18	0.0	0.224	0.461
19	0.0	0.226	0.850
20	0.0	0.192	0.424
21	0.0	0.188	0.411
22	0.0	0.184	0.359
23	0.0	0.181	0.385
24	0.0	0.169	0.422
SUMMARY	0.0	0.190	1.322

RBOSP COMPOSITE DAY SUMMARY

OZONE SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.026	0.035	0.040
2	0.025	0.035	0.041
3	0.026	0.035	0.041
4	0.025	0.035	0.041
5	0.024	0.035	0.040
6	0.024	0.035	0.040
7	0.025	0.035	0.040
8	0.024	0.034	0.040
9	0.024	0.034	0.041
10	0.025	0.034	0.040
11	0.026	0.034	0.039
12	0.028	0.035	0.040
13	0.029	0.036	0.041
14	0.028	0.036	0.040
15	0.028	0.036	0.041
16	0.029	0.037	0.042
17	0.028	0.037	0.043
18	0.029	0.036	0.043
19	0.028	0.035	0.045
20	0.029	0.035	0.044
21	0.028	0.035	0.040
22	0.027	0.036	0.041
23	0.028	0.036	0.041
24	0.028	0.035	0.041
SUMMARY	0.024	0.035	0.045

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.0	0.0
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.0	0.0
15	0.0	0.0	0.0
16	0.0	0.0	0.0
17	0.0	0.0	0.0
18	0.0	0.0	0.0
19	0.0	0.0	0.0
20	0.0	0.0	0.0
21	0.0	0.0	0.0
22	0.0	0.0	0.0
23	0.0	0.0	0.0
24	0.0	0.0	0.0
SUMMARY	0.0	0.0	0.0

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.001	0.001
2	0.0	0.001	0.001
3	0.0	0.001	0.001
4	0.0	0.001	0.001
5	0.0	0.001	0.001
6	0.0	0.001	0.001
7	0.0	0.001	0.001
8	0.0	0.001	0.001
9	0.0	0.001	0.001
10	0.0	0.001	0.001
11	0.0	0.001	0.001
12	0.001	0.001	0.001
13	0.0	0.001	0.001
14	0.0	0.001	0.001
15	0.001	0.001	0.001
16	0.001	0.001	0.001
17	0.0	0.001	0.001
18	0.001	0.001	0.001
19	0.0	0.001	0.001
20	0.0	0.001	0.001
21	0.0	0.001	0.014
22	0.0	0.001	0.003
23	0.0	0.001	0.001
24	0.0	0.001	0.001
SUMMARY	0.0	0.001	0.014

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.712	1.800	1.918
2	1.723	1.802	1.906
3	1.729	1.801	1.870
4	1.739	1.799	1.856
5	1.740	1.796	1.879
6	1.738	1.798	1.879
7	1.726	1.798	1.860
8	1.710	1.799	1.859
9	1.702	1.802	1.866
10	1.697	1.799	1.857
11	1.692	1.790	1.871
12	1.627	1.771	1.855
13	1.710	1.765	1.846
14	1.700	1.761	1.869
15	1.684	1.766	1.896
16	1.429	1.755	1.865
17	1.660	1.774	1.881
18	1.598	1.772	1.884
19	1.600	1.781	1.913
20	1.706	1.790	1.917
21	1.716	1.796	1.936
22	1.714	1.796	1.907
23	1.713	1.796	1.860
24	1.717	1.799	1.860
SUMMARY	1.429	1.788	1.936

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.563	1.609	1.692
2	1.563	1.610	1.669
3	1.563	1.610	1.660
4	1.566	1.609	1.658
5	1.569	1.607	1.655
6	1.571	1.608	1.651
7	1.568	1.608	1.653
8	1.569	1.607	1.667
9	1.563	1.607	1.681
10	1.553	1.602	1.712
11	1.546	1.595	1.731
12	1.483	1.585	1.761
13	1.535	1.584	1.813
14	1.521	1.586	1.855
15	1.539	1.594	1.885
16	1.305	1.584	1.931
17	1.546	1.598	1.955
18	1.516	1.598	1.970
19	1.549	1.606	1.928
20	1.557	1.610	1.845
21	1.555	1.610	1.794
22	1.561	1.611	1.757
23	1.561	1.610	1.736
24	1.562	1.610	1.716
SUMMARY	1.305	1.602	1.970

RBOSP COMPOSITE DAY SUMMARY

NITROGEN OXIDES SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.003	0.010	0.012
2	0.003	0.010	0.012
3	0.004	0.010	0.012
4	0.004	0.010	0.012
5	0.005	0.010	0.012
6	0.005	0.010	0.012
7	0.005	0.010	0.012
8	0.004	0.010	0.012
9	0.003	0.009	0.012
10	0.002	0.009	0.012
11	0.002	0.008	0.012
12	0.002	0.008	0.012
13	0.003	0.008	0.012
14	0.002	0.008	0.012
15	0.002	0.008	0.012
16	0.003	0.008	0.012
17	0.003	0.008	0.012
18	0.003	0.009	0.012
19	0.003	0.009	0.012
20	0.003	0.009	0.012
21	0.003	0.009	0.012
22	0.004	0.010	0.012
23	0.004	0.010	0.012
24	0.004	0.010	0.012
SUMMARY	0.002	0.009	0.012

R8OSP COMPOSITE DAY SUMMARY

NITRIC OXIDE SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.005	0.011	0.013
2	0.005	0.011	0.013
3	0.005	0.011	0.013
4	0.005	0.011	0.013
5	0.006	0.011	0.013
6	0.006	0.011	0.013
7	0.006	0.011	0.013
8	0.006	0.011	0.013
9	0.005	0.010	0.013
10	0.004	0.010	0.012
11	0.004	0.009	0.012
12	0.004	0.009	0.012
13	0.004	0.009	0.012
14	0.004	0.009	0.012
15	0.004	0.009	0.012
16	0.004	0.009	0.012
17	0.004	0.009	0.012
18	0.004	0.010	0.013
19	0.005	0.010	0.013
20	0.005	0.010	0.013
21	0.005	0.011	0.013
22	0.005	0.011	0.013
23	0.005	0.011	0.013
24	0.005	0.011	0.013
SUMMARY	0.004	0.010	0.013

RBOSP COMPOSITE DAY SUMMARY

CARBON MONOXIDE SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.050	0.622
2	0.0	0.045	0.528
3	0.0	0.060	0.697
4	0.0	0.056	0.517
5	0.0	0.064	0.703
6	0.0	0.064	0.598
7	0.0	0.073	0.784
8	0.0	0.074	0.731
9	0.0	0.072	0.832
10	0.0	0.057	0.520
11	0.0	0.071	0.531
12	0.0	0.079	0.774
13	0.0	0.073	0.642
14	0.0	0.068	0.703
15	0.0	0.075	0.683
16	0.0	0.076	0.832
17	0.0	0.074	0.917
18	0.0	0.055	0.799
19	0.0	0.057	0.682
20	0.0	0.040	0.547
21	0.0	0.039	0.628
22	0.0	0.048	0.471
23	0.0	0.070	0.760
24	0.0	0.045	0.531
SUMMARY	0.0	0.062	0.917

RBOSP COMPOSITE DAY SUMMARY

OZONE SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.027	0.033	0.037
2	0.026	0.033	0.037
3	0.025	0.032	0.037
4	0.025	0.032	0.037
5	0.026	0.032	0.036
6	0.025	0.032	0.037
7	0.025	0.032	0.037
8	0.025	0.032	0.037
9	0.024	0.031	0.037
10	0.025	0.031	0.036
11	0.025	0.031	0.036
12	0.027	0.032	0.036
13	0.026	0.033	0.037
14	0.026	0.034	0.038
15	0.027	0.034	0.039
16	0.027	0.034	0.039
17	0.027	0.034	0.038
18	0.026	0.033	0.036
19	0.026	0.032	0.036
20	0.027	0.033	0.038
21	0.027	0.033	0.038
22	0.027	0.033	0.037
23	0.027	0.033	0.037
24	0.027	0.033	0.036
SUMMARY	0.024	0.033	0.039

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.000	0.003
2	0.0	0.0	0.0
3	0.0	0.0	0.0
4	0.0	0.0	0.0
5	0.0	0.0	0.0
6	0.0	0.0	0.0
7	0.0	0.0	0.0
8	0.0	0.0	0.0
9	0.0	0.0	0.0
10	0.0	0.0	0.0
11	0.0	0.0	0.0
12	0.0	0.0	0.0
13	0.0	0.0	0.0
14	0.0	0.000	0.002
15	0.0	0.000	0.001
16	0.0	0.000	0.001
17	0.0	0.000	0.001
18	0.0	0.000	0.001
19	0.0	0.000	0.026
20	0.0	0.000	0.004
21	0.0	0.000	0.001
22	0.0	0.0	0.0
23	0.0	0.000	0.025
24	0.0	0.000	0.019
SUMMARY	0.0	0.000	0.026

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.001	0.004
2	0.0	0.001	0.011
3	0.0	0.001	0.002
4	0.0	0.001	0.001
5	0.0	0.001	0.001
6	0.0	0.001	0.001
7	0.0	0.001	0.001
8	0.0	0.001	0.001
9	0.0	0.001	0.001
10	0.0	0.001	0.012
11	0.0	0.001	0.002
12	0.0	0.001	0.001
13	0.0	0.001	0.001
14	0.0	0.001	0.003
15	0.0	0.001	0.003
16	0.0	0.001	0.001
17	0.0	0.001	0.001
18	0.0	0.001	0.001
19	0.0	0.001	0.001
20	0.0	0.001	0.001
21	0.0	0.001	0.014
22	0.0	0.001	0.003
23	0.0	0.001	0.007
24	0.0	0.001	0.020
SUMMARY	0.0	0.001	0.020

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.422	1.796	2.065
2	1.415	1.797	2.076
3	1.416	1.795	2.051
4	1.421	1.794	2.044
5	1.419	1.792	2.042
6	1.420	1.793	2.046
7	1.425	1.794	2.044
8	1.436	1.796	2.031
9	1.418	1.800	2.051
10	1.416	1.795	2.086
11	1.416	1.787	2.088
12	1.409	1.770	2.046
13	1.401	1.771	2.133
14	1.383	1.772	2.262
15	1.373	1.766	2.033
16	1.396	1.771	2.061
17	1.389	1.781	2.080
18	1.392	1.785	2.076
19	1.396	1.795	2.077
20	1.403	1.803	2.076
21	1.413	1.805	2.060
22	1.415	1.801	2.075
23	1.415	1.801	2.077
24	1.417	1.800	2.062
SUMMARY	1.373	1.790	2.262

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.458	1.631	1.972
2	1.451	1.633	1.981
3	1.451	1.633	1.989
4	1.452	1.631	1.985
5	1.452	1.631	1.985
6	1.419	1.629	1.984
7	1.454	1.631	1.998
8	1.453	1.631	2.000
9	1.451	1.631	1.996
10	1.441	1.625	2.006
11	1.431	1.616	1.977
12	1.418	1.613	1.981
13	1.419	1.610	1.976
14	1.413	1.613	1.970
15	1.408	1.619	1.965
16	1.305	1.613	1.977
17	1.399	1.609	1.999
18	1.410	1.621	1.999
19	1.418	1.630	1.988
20	1.432	1.633	1.961
21	1.445	1.634	1.955
22	1.451	1.631	1.965
23	1.454	1.632	1.956
24	1.455	1.632	1.969
SUMMARY	1.305	1.626	2.006

RBOSP COMPOSITE DAY SUMMARY

NITROGEN OXIDES SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.007	0.012
2	0.0	0.007	0.012
3	0.0	0.007	0.012
4	0.0	0.007	0.012
5	0.0	0.007	0.012
6	0.0	0.007	0.012
7	0.0	0.007	0.012
8	0.0	0.007	0.012
9	0.0	0.007	0.012
10	0.0	0.006	0.012
11	0.0	0.006	0.012
12	0.0	0.006	0.012
13	0.0	0.006	0.012
14	0.0	0.006	0.012
15	0.0	0.006	0.012
16	0.0	0.006	0.012
17	0.0	0.006	0.012
18	0.0	0.006	0.012
19	0.0	0.007	0.012
20	0.0	0.007	0.012
21	0.0	0.007	0.012
22	0.0	0.007	0.012
23	0.0	0.007	0.012
24	0.0	0.007	0.012
SUMMARY	0.0	0.007	0.012

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                RBOSP   COMPOSITE DAY SUMMARY

           NITRIC OXIDE  SITE 1  FOR   9/ 1/76  -  11/30/76
     HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

          1              0.0          0.008       0.013

          2              0.0          0.008       0.013

          3              0.0          0.008       0.013

          4              0.0          0.008       0.013

          5              0.0          0.008       0.013

          6              0.0          0.008       0.013

          7              0.0          0.008       0.013

          8              0.0          0.008       0.013

          9              0.0          0.008       0.013

         10              0.0          0.007       0.012

         11              0.0          0.007       0.012

         12              0.0          0.007       0.012

         13              0.0          0.007       0.012

         14              0.001        0.007       0.012

         15              0.001        0.007       0.012

         16              0.001        0.007       0.012

         17              0.0          0.007       0.012

         18              0.0          0.007       0.013

         19              0.0          0.007       0.013

         20              0.0          0.008       0.013

         21              0.0          0.008       0.013

         22              0.0          0.008       0.013

         23              0.0          0.008       0.013

         24              0.0          0.008       0.013

       SUMMARY           0.0          0.007       0.013
```

RBOSP COMPOSITE DAY SUMMARY

CARBON MONOXIDE SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.297	1.199
2	0.0	0.303	1.212
3	0.0	0.308	1.225
4	0.0	0.308	1.213
5	0.0	0.311	1.217
6	0.0	0.311	1.203
7	0.0	0.309	1.185
8	0.0	0.308	1.183
9	0.0	0.299	1.159
10	0.0	0.303	1.172
11	0.0	0.305	1.187
12	0.0	0.315	1.226
13	0.0	0.338	1.322
14	0.0	0.335	1.188
15	0.0	0.339	1.205
16	0.0	0.339	1.183
17	0.0	0.342	1.170
18	0.0	0.339	1.187
19	0.0	0.347	1.203
20	0.0	0.320	1.198
21	0.0	0.314	1.183
22	0.0	0.312	1.199
23	0.0	0.316	1.196
24	0.0	0.303	1.178
SUMMARY	0.0	0.317	1.322

RBOSP COMPOSITE DAY SUMMARY

OZONE SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.024	0.033	0.042
2	0.024	0.033	0.042
3	0.024	0.033	0.041
4	0.021	0.033	0.041
5	0.019	0.033	0.040
6	0.017	0.032	0.041
7	0.016	0.032	0.041
8	0.017	0.032	0.040
9	0.020	0.032	0.041
10	0.020	0.032	0.040
11	0.024	0.033	0.040
12	0.027	0.034	0.040
13	0.026	0.034	0.041
14	0.026	0.035	0.041
15	0.027	0.035	0.041
16	0.027	0.035	0.042
17	0.027	0.035	0.043
18	0.026	0.035	0.043
19	0.024	0.034	0.045
20	0.022	0.033	0.044
21	0.022	0.034	0.040
22	0.021	0.034	0.041
23	0.021	0.034	0.041
24	0.022	0.034	0.041
SUMMARY	0.016	0.033	0.045

A.2.2

COMPOSITE DAY SUMMARIES FOR SITE 2
FALL 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 2 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.001	0.001
2	0.0	0.001	0.001
3	0.0	0.001	0.001
4	0.0	0.001	0.001
5	0.0	0.001	0.001
6	0.0	0.001	0.001
7	0.0	0.001	0.001
8	0.0	0.001	0.001
9	0.0	0.001	0.001
10	0.0	0.001	0.001
11	0.0	0.001	0.001
12	0.0	0.001	0.001
13	0.0	0.001	0.001
14	0.0	0.001	0.001
15	0.0	0.001	0.001
16	0.0	0.001	0.001
17	0.0	0.001	0.001
18	0.0	0.001	0.001
19	0.0	0.001	0.001
20	0.0	0.001	0.003
21	0.0	0.001	0.001
22	0.0	0.001	0.001
23	0.0	0.001	0.001
24	0.0	0.001	0.001
SUMMARY	0.0	0.001	0.003

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 2 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.001	0.001
2	0.0	0.001	0.001
3	0.0	0.001	0.001
4	0.0	0.001	0.001
5	0.0	0.001	0.001
6	0.0	0.001	0.001
7	0.0	0.001	0.001
8	0.0	0.001	0.001
9	0.0	0.001	0.001
10	0.0	0.001	0.001
11	0.0	0.001	0.001
12	0.0	0.001	0.001
13	0.0	0.001	0.001
14	0.0	0.001	0.001
15	0.0	0.001	0.001
16	0.0	0.001	0.001
17	0.0	0.001	0.001
18	0.0	0.001	0.001
19	0.0	0.001	0.001
20	0.0	0.001	0.003
21	0.0	0.001	0.001
22	0.0	0.001	0.001
23	0.0	0.001	0.001
24	0.0	0.001	0.001
SUMMARY	0.0	0.001	0.003

RBOSP   COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 2 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.003	0.003
2	0.002	0.003	0.003
3	0.001	0.003	0.003
4	0.002	0.003	0.003
5	0.002	0.003	0.003
6	0.001	0.003	0.003
7	0.002	0.003	0.003
8	0.002	0.003	0.003
9	0.001	0.003	0.003
10	0.001	0.003	0.003
11	0.001	0.003	0.003
12	0.001	0.003	0.003
13	0.001	0.003	0.003
14	0.002	0.003	0.003
15	0.001	0.003	0.003
16	0.001	0.003	0.003
17	0.001	0.003	0.003
18	0.001	0.003	0.003
19	0.001	0.003	0.003
20	0.001	0.003	0.004
21	0.001	0.003	0.003
22	0.001	0.003	0.003
23	0.002	0.003	0.003
24	0.001	0.003	0.003
SUMMARY	0.001	0.003	0.004

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 2 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.370	1.437	1.525
2	1.370	1.436	1.551
3	1.360	1.434	1.556
4	1.360	1.436	1.570
5	1.340	1.434	1.574
6	1.340	1.436	1.557
7	1.350	1.435	1.534
8	1.360	1.430	1.517
9	1.350	1.424	1.504
10	1.340	1.417	1.493
11	1.340	1.412	1.478
12	1.340	1.408	1.467
13	1.340	1.410	1.490
14	1.330	1.405	1.478
15	1.340	1.413	1.482
16	1.350	1.414	1.489
17	1.350	1.410	1.480
18	1.350	1.413	1.479
19	1.350	1.419	1.520
20	1.350	1.430	1.509
21	1.360	1.441	1.524
22	1.350	1.445	1.524
23	1.360	1.446	1.528
24	1.380	1.444	1.521
SUMMARY	1.330	1.426	1.574

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 2 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.398	1.438	1.509
2	1.392	1.436	1.532
3	1.390	1.435	1.531
4	1.380	1.435	1.540
5	1.378	1.435	1.539
6	1.380	1.436	1.524
7	1.382	1.435	1.509
8	1.390	1.431	1.491
9	1.378	1.424	1.480
10	1.370	1.419	1.467
11	1.365	1.413	1.450
12	1.360	1.409	1.450
13	1.365	1.409	1.475
14	1.358	1.405	1.450
15	1.359	1.409	1.450
16	1.360	1.412	1.471
17	1.368	1.411	1.462
18	1.367	1.413	1.463
19	1.368	1.420	1.494
20	1.388	1.428	1.490
21	1.389	1.436	1.495
22	1.382	1.440	1.505
23	1.393	1.443	1.530
24	1.390	1.438	1.510
SUMMARY	1.358	1.426	1.540

RBOSP COMPOSITE DAY SUMMARY

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   SULFUR DIOXIDE  SITE 2  FOR  10/ 1/76  -  10/31/76
HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

      1              0.0          0.001      0.001

      2              0.0          0.001      0.001

      3              0.001        0.001      0.001

      4              0.0          0.001      0.001

      5              0.001        0.001      0.001

      6              0.001        0.001      0.001

      7              0.001        0.001      0.001

      8              0.001        0.001      0.001

      9              0.0          0.001      0.001

     10              0.0          0.001      0.001

     11              0.001        0.001      0.001

     12              0.001        0.001      0.001

     13              0.001        0.001      0.001

     14              0.0          0.001      0.001

     15              0.001        0.001      0.001

     16              0.001        0.001      0.001

     17              0.001        0.001      0.001

     18              0.001        0.001      0.001

     19              0.001        0.001      0.001

     20              0.0          0.001      0.001

     21              0.001        0.001      0.001

     22              0.001        0.001      0.001

     23              0.001        0.001      0.001

     24              0.001        0.001      0.001

   SUMMARY           0.0          0.001      0.001
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R80SP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 2 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.003	0.003	0.003
2	0.003	0.003	0.003
3	0.003	0.003	0.003
4	0.003	0.003	0.003
5	0.003	0.003	0.003
6	0.003	0.003	0.003
7	0.003	0.003	0.003
8	0.003	0.003	0.003
9	0.003	0.003	0.003
10	0.003	0.003	0.003
11	0.003	0.003	0.003
12	0.003	0.003	0.003
13	0.003	0.003	0.004
14	0.003	0.003	0.003
15	0.003	0.003	0.003
16	0.003	0.003	0.003
17	0.003	0.003	0.003
18	0.003	0.003	0.003
19	0.003	0.003	0.003
20	0.003	0.003	0.003
21	0.003	0.003	0.003
22	0.003	0.003	0.003
23	0.003	0.003	0.003
24	0.003	0.003	0.003
SUMMARY	0.003	0.003	0.004

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 2 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.411	1.508	1.605
2	1.413	1.508	1.605
3	1.418	1.510	1.633
4	1.420	1.509	1.625
5	1.422	1.510	1.627
6	1.424	1.509	1.614
7	1.427	1.509	1.612
8	1.435	1.507	1.612
9	1.433	1.507	1.606
10	1.411	1.499	1.601
11	1.425	1.493	1.596
12	1.387	1.478	1.587
13	1.411	1.473	1.585
14	1.415	1.473	1.614
15	1.413	1.466	1.621
16	1.403	1.467	1.563
17	1.403	1.467	1.575
18	1.404	1.473	1.635
19	1.408	1.501	1.687
20	1.406	1.512	1.611
21	1.408	1.509	1.632
22	1.409	1.511	1.626
23	1.412	1.507	1.624
24	1.412	1.508	1.631
SUMMARY	1.387	1.497	1.687

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 2 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.389	1.469	1.537
2	1.390	1.468	1.535
3	1.395	1.468	1.538
4	1.395	1.469	1.540
5	1.396	1.469	1.546
6	1.396	1.470	1.540
7	1.397	1.470	1.540
8	1.402	1.469	1.541
9	1.393	1.467	1.535
10	1.377	1.461	1.541
11	1.411	1.457	1.540
12	1.365	1.443	1.531
13	1.379	1.437	1.516
14	1.383	1.432	1.489
15	1.380	1.428	1.489
16	1.381	1.428	1.480
17	1.382	1.429	1.485
18	1.384	1.434	1.538
19	1.389	1.451	1.564
20	1.388	1.466	1.538
21	1.390	1.466	1.544
22	1.392	1.470	1.549
23	1.369	1.467	1.548
24	1.387	1.469	1.541
SUMMARY	1.365	1.457	1.564

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             RBOSP   COMPOSITE DAY SUMMARY

        SULFUR DIOXIDE  SITE 2  FOR  11/ 1/76  -  11/30/76
     HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

          1              0.001        0.001       0.001

          2              0.001        0.001       0.001

          3              0.001        0.001       0.001

          4              0.001        0.001       0.001

          5              0.001        0.001       0.001

          6              0.001        0.001       0.001

          7              0.001        0.001       0.001

          8              0.001        0.001       0.001

          9              0.001        0.001       0.001

         10              0.001        0.001       0.001

         11              0.001        0.001       0.001

         12              0.001        0.001       0.001

         13              0.001        0.001       0.001

         14              0.001        0.001       0.001

         15              0.001        0.001       0.001

         16              0.001        0.001       0.008

         17              0.001        0.001       0.002

         18              0.001        0.001       0.001

         19              0.001        0.001       0.001

         20              0.001        0.001       0.001

         21              0.001        0.001       0.001

         22              0.001        0.001       0.001

         23              0.001        0.001       0.001

         24              0.001        0.001       0.001

       SUMMARY           0.001        0.001       0.008
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RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 2 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.003	0.003	0.003
2	0.003	0.003	0.003
3	0.003	0.003	0.003
4	0.003	0.003	0.003
5	0.003	0.003	0.003
6	0.003	0.003	0.003
7	0.003	0.003	0.003
8	0.003	0.003	0.003
9	0.003	0.003	0.003
10	0.003	0.003	0.003
11	0.003	0.003	0.003
12	0.001	0.003	0.003
13	0.002	0.003	0.003
14	0.003	0.003	0.013
15	0.003	0.003	0.004
16	0.003	0.003	0.003
17	0.003	0.003	0.003
18	0.003	0.003	0.004
19	0.003	0.003	0.003
20	0.003	0.003	0.003
21	0.003	0.003	0.003
22	0.003	0.003	0.003
23	0.003	0.003	0.003
24	0.003	0.003	0.003
SUMMARY	0.001	0.003	0.013

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 2 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.451	1.497	1.545
2	1.450	1.499	1.574
3	1.460	1.502	1.618
4	1.459	1.498	1.557
5	1.452	1.498	1.675
6	1.452	1.505	1.819
7	1.452	1.502	1.582
8	1.458	1.499	1.570
9	1.457	1.499	1.601
10	1.453	1.494	1.563
11	1.435	1.483	1.596
12	1.412	1.472	1.529
13	1.403	1.464	1.537
14	1.400	1.464	1.537
15	1.391	1.464	1.525
16	1.383	1.464	1.538
17	1.380	1.466	1.565
18	1.383	1.477	1.549
19	1.423	1.489	1.546
20	1.448	1.496	1.574
21	1.449	1.496	1.572
22	1.448	1.496	1.596
23	1.444	1.495	1.536
24	1.443	1.496	1.534
SUMMARY	1.380	1.488	1.819

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 2 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.438	1.471	1.530
2	1.439	1.473	1.536
3	1.439	1.474	1.544
4	1.445	1.471	1.546
5	1.442	1.471	1.548
6	1.443	1.475	1.552
7	1.437	1.474	1.548
8	1.448	1.473	1.553
9	1.440	1.472	1.565
10	1.433	1.467	1.556
11	1.427	1.457	1.520
12	1.402	1.448	1.497
13	1.396	1.441	1.497
14	1.394	1.438	1.497
15	1.387	1.436	1.487
16	1.379	1.436	1.493
17	1.375	1.438	1.510
18	1.379	1.449	1.495
19	1.406	1.459	1.500
20	1.439	1.466	1.509
21	1.441	1.469	1.514
22	1.436	1.470	1.520
23	1.433	1.469	1.521
24	1.433	1.470	1.528
SUMMARY	1.375	1.461	1.565

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 2 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.001	0.001
2	0.0	0.001	0.001
3	0.0	0.001	0.001
4	0.0	0.001	0.001
5	0.0	0.001	0.001
6	0.0	0.001	0.001
7	0.0	0.001	0.001
8	0.0	0.001	0.001
9	0.0	0.001	0.001
10	0.0	0.001	0.001
11	0.0	0.001	0.001
12	0.0	0.001	0.001
13	0.0	0.001	0.001
14	0.0	0.001	0.001
15	0.0	0.001	0.001
16	0.0	0.001	0.008
17	0.0	0.001	0.002
18	0.0	0.001	0.001
19	0.0	0.001	0.001
20	0.0	0.001	0.003
21	0.0	0.001	0.001
22	0.0	0.001	0.001
23	0.0	0.001	0.001
24	0.0	0.001	0.001
SUMMARY	0.0	0.001	0.008

RBOSP   COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 2 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.003	0.003
2	0.002	0.003	0.003
3	0.001	0.003	0.003
4	0.002	0.003	0.003
5	0.002	0.003	0.003
6	0.001	0.003	0.003
7	0.002	0.003	0.003
8	0.002	0.003	0.003
9	0.001	0.003	0.003
10	0.001	0.003	0.003
11	0.001	0.003	0.003
12	0.001	0.003	0.003
13	0.001	0.003	0.004
14	0.002	0.003	0.013
15	0.001	0.003	0.004
16	0.001	0.003	0.003
17	0.001	0.003	0.003
18	0.001	0.003	0.004
19	0.001	0.003	0.003
20	0.001	0.003	0.004
21	0.001	0.003	0.003
22	0.001	0.003	0.003
23	0.002	0.003	0.003
24	0.001	0.003	0.003
SUMMARY	0.001	0.003	0.013

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 2 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.370	1.481	1.605
2	1.370	1.481	1.605
3	1.360	1.482	1.633
4	1.360	1.481	1.625
5	1.340	1.481	1.675
6	1.340	1.484	1.819
7	1.350	1.483	1.612
8	1.360	1.479	1.612
9	1.350	1.477	1.606
10	1.340	1.471	1.601
11	1.340	1.462	1.596
12	1.340	1.453	1.587
13	1.340	1.449	1.585
14	1.330	1.447	1.614
15	1.340	1.447	1.621
16	1.380	1.448	1.563
17	1.350	1.448	1.575
18	1.350	1.455	1.635
19	1.350	1.471	1.687
20	1.350	1.480	1.611
21	1.360	1.481	1.632
22	1.380	1.483	1.626
23	1.360	1.482	1.624
24	1.380	1.483	1.631
SUMMARY	1.330	1.471	1.819

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 2 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.389	1.460	1.537
2	1.390	1.460	1.536
3	1.390	1.459	1.544
4	1.380	1.459	1.546
5	1.378	1.459	1.548
6	1.380	1.461	1.552
7	1.382	1.460	1.548
8	1.390	1.458	1.553
9	1.378	1.455	1.565
10	1.370	1.450	1.556
11	1.365	1.442	1.540
12	1.360	1.434	1.531
13	1.365	1.429	1.516
14	1.358	1.425	1.497
15	1.359	1.424	1.489
16	1.360	1.426	1.493
17	1.368	1.426	1.510
18	1.367	1.432	1.538
19	1.368	1.444	1.564
20	1.368	1.454	1.538
21	1.389	1.457	1.544
22	1.382	1.460	1.549
23	1.369	1.460	1.548
24	1.387	1.460	1.541
SUMMARY	1.358	1.448	1.565

COMPOSITE DAY SUMMARIES FOR SITE 3
FALL 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)
NO_x	Total Nitrogen Oxides Concentration (ppm)
NO	Nitric Oxide Concentration (ppm)
CO	Carbon Monoxide Concentration (ppm)
O_3	Ozone Concentration (ppm)

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 3 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.002	0.004
2	0.002	0.002	0.004
3	0.002	0.002	0.004
4	0.002	0.002	0.004
5	0.002	0.002	0.004
6	0.002	0.002	0.004
7	0.002	0.002	0.004
8	0.002	0.002	0.004
9	0.002	0.002	0.004
10	0.002	0.002	0.004
11	0.002	0.002	0.004
12	0.002	0.003	0.004
13	0.002	0.003	0.003
14	0.002	0.003	0.004
15	0.002	0.003	0.005
16	0.001	0.002	0.004
17	0.002	0.005	0.024
18	0.002	0.003	0.005
19	0.002	0.003	0.004
20	0.002	0.003	0.005
21	0.002	0.002	0.004
22	0.002	0.002	0.004
23	0.002	0.002	0.003
24	0.002	0.002	0.004
SUMMARY	0.001	0.003	0.024

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 3 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.002	0.004
2	0.001	0.002	0.004
3	0.001	0.002	0.004
4	0.001	0.002	0.004
5	0.001	0.002	0.004
6	0.001	0.002	0.004
7	0.001	0.002	0.003
8	0.001	0.002	0.004
9	0.001	0.002	0.004
10	0.001	0.002	0.004
11	0.001	0.002	0.004
12	0.002	0.002	0.004
13	0.002	0.002	0.004
14	0.002	0.002	0.004
15	0.002	0.002	0.005
16	0.002	0.002	0.004
17	0.001	0.002	0.004
18	0.002	0.002	0.005
19	0.002	0.003	0.005
20	0.002	0.003	0.005
21	0.002	0.002	0.004
22	0.001	0.002	0.003
23	0.001	0.002	0.003
24	0.001	0.002	0.004
SUMMARY	0.001	0.002	0.005

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 3 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.278	1.453	1.580
2	1.279	1.460	1.608
3	1.281	1.461	1.606
4	1.289	1.460	1.587
5	1.284	1.460	1.600
6	1.273	1.456	1.593
7	1.280	1.457	1.586
8	1.268	1.458	1.606
9	1.271	1.441	1.568
10	1.257	1.421	1.558
11	1.311	1.421	1.546
12	1.235	1.398	1.513
13	1.228	1.387	1.504
14	1.220	1.392	1.484
15	1.227	1.389	1.468
16	1.230	1.379	1.457
17	1.222	1.389	1.454
18	1.226	1.400	1.607
19	1.242	1.406	1.538
20	1.262	1.431	1.543
21	1.290	1.440	1.545
22	1.262	1.446	1.570
23	1.282	1.453	1.573
24	1.269	1.454	1.578
SUMMARY	1.220	1.431	1.608

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 3 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.312	1.448	1.552
2	1.306	1.453	1.575
3	1.306	1.454	1.568
4	1.318	1.455	1.610
5	1.312	1.454	1.564
6	1.300	1.451	1.553
7	1.308	1.450	1.548
8	1.302	1.450	1.562
9	1.290	1.433	1.531
10	1.281	1.411	1.517
11	1.305	1.406	1.502
12	1.292	1.389	1.476
13	1.273	1.381	1.464
14	1.287	1.383	1.481
15	1.289	1.378	1.443
16	1.288	1.365	1.433
17	1.290	1.377	1.440
18	1.296	1.383	1.469
19	1.294	1.395	1.485
20	1.320	1.418	1.508
21	1.291	1.432	1.524
22	1.286	1.441	1.561
23	1.311	1.447	1.555
24	1.300	1.448	1.551
SUMMARY	1.273	1.423	1.610

RBOSP COMPOSITE DAY SUMMARY

NITROGEN OXIDES SITE 3 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.001	0.004
2	0.0	0.001	0.004
3	0.0	0.001	0.004
4	0.0	0.001	0.005
5	0.0	0.001	0.005
6	0.0	0.001	0.004
7	0.0	0.001	0.004
8	0.0	0.001	0.004
9	0.0	0.002	0.004
10	0.001	0.002	0.004
11	0.002	0.002	0.006
12	0.002	0.002	0.004
13	0.002	0.004	0.036
14	0.002	0.002	0.007
15	0.002	0.003	0.016
16	0.002	0.003	0.014
17	0.002	0.003	0.012
18	0.001	0.002	0.010
19	0.001	0.002	0.009
20	0.001	0.002	0.007
21	0.0	0.002	0.005
22	0.0	0.001	0.004
23	0.0	0.001	0.004
24	0.0	0.001	0.004
SUMMARY	0.0	0.002	0.036

RBOSP COMPOSITE DAY SUMMARY

NITRIC OXIDE SITE 3 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.001	0.004
2	0.0	0.001	0.003
3	0.0	0.001	0.004
4	0.0	0.001	0.004
5	0.0	0.001	0.004
6	0.0	0.001	0.004
7	0.0	0.001	0.004
8	0.0	0.001	0.004
9	0.0	0.002	0.004
10	0.001	0.002	0.004
11	0.001	0.002	0.006
12	0.002	0.002	0.004
13	0.002	0.003	0.034
14	0.002	0.002	0.007
15	0.002	0.003	0.018
16	0.002	0.003	0.015
17	0.002	0.003	0.013
18	0.001	0.003	0.011
19	0.001	0.002	0.010
20	0.001	0.002	0.007
21	0.0	0.002	0.004
22	0.0	0.001	0.003
23	0.0	0.001	0.003
24	0.0	0.001	0.003
SUMMARY	0.0	0.002	0.034

RBOSP COMPOSITE DAY SUMMARY

CARBON MONOXIDE SITE 3 FOR 9/ 1/76 - 9/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.397	1.099
2	0.022	0.395	1.094
3	0.065	0.398	1.072
4	0.011	0.396	1.075
5	0.040	0.398	1.056
6	0.038	0.391	1.074
7	0.040	0.385	1.083
8	0.037	0.397	1.068
9	0.045	0.407	1.080
10	0.074	0.393	1.126
11	0.069	0.367	0.983
12	0.002	0.357	1.036
13	0.068	0.370	1.064
14	0.0	0.377	1.046
15	0.0	0.342	1.061
16	0.0	0.324	0.922
17	0.0	0.334	0.865
18	0.0	0.320	0.845
19	0.0	0.347	0.910
20	0.055	0.376	0.971
21	0.093	0.405	0.987
22	0.091	0.424	1.075
23	0.085	0.430	1.090
24	0.0	0.428	1.085
SUMMARY	0.0	0.382	1.126

RBOSP COMPOSITE DAY SUMMARY

OZONE SITE 3 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.009	0.021	0.031
2	0.006	0.021	0.034
3	0.006	0.019	0.043
4	0.006	0.018	0.042
5	0.005	0.018	0.039
6	0.004	0.017	0.039
7	0.004	0.017	0.041
8	0.005	0.017	0.039
9	0.010	0.023	0.038
10	0.018	0.030	0.042
11	0.022	0.035	0.045
12	0.026	0.038	0.047
13	0.032	0.040	0.047
14	0.034	0.041	0.047
15	0.034	0.041	0.047
16	0.034	0.041	0.046
17	0.030	0.042	0.046
18	0.025	0.041	0.049
19	0.025	0.039	0.046
20	0.016	0.028	0.039
21	0.008	0.026	0.035
22	0.014	0.025	0.037
23	0.011	0.025	0.036
24	0.010	0.023	0.035
SUMMARY	0.004	0.029	0.049

R80SP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 3 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.002	0.003
2	0.0	0.002	0.003
3	0.0	0.002	0.004
4	0.0	0.002	0.003
5	0.0	0.002	0.005
6	0.0	0.002	0.003
7	0.0	0.002	0.003
8	0.0	0.002	0.003
9	0.0	0.002	0.003
10	0.0	0.002	0.003
11	0.0	0.002	0.002
12	0.0	0.002	0.002
13	0.0	0.002	0.002
14	0.0	0.002	0.002
15	0.0	0.002	0.004
16	0.0	0.002	0.002
17	0.0	0.002	0.002
18	0.0	0.002	0.003
19	0.0	0.002	0.002
20	0.0	0.002	0.002
21	0.0	0.002	0.002
22	0.0	0.002	0.003
23	0.0	0.002	0.003
24	0.0	0.002	0.003
SUMMARY	0.0	0.002	0.005

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 3 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.003	0.003
2	0.001	0.003	0.004
3	0.001	0.003	0.003
4	0.001	0.003	0.003
5	0.001	0.003	0.006
6	0.001	0.003	0.004
7	0.001	0.003	0.003
8	0.001	0.003	0.003
9	0.001	0.003	0.005
10	0.001	0.003	0.008
11	0.001	0.003	0.004
12	0.001	0.003	0.003
13	0.001	0.003	0.003
14	0.001	0.003	0.003
15	0.001	0.003	0.003
16	0.001	0.003	0.003
17	0.001	0.003	0.003
18	0.001	0.003	0.003
19	0.001	0.003	0.003
20	0.001	0.003	0.003
21	0.001	0.003	0.003
22	0.001	0.003	0.003
23	0.001	0.003	0.003
24	0.001	0.003	0.003
SUMMARY	0.001	0.003	0.008

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 3 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.490	1.531	1.614
2	1.491	1.530	1.590
3	1.488	1.532	1.601
4	1.475	1.527	1.597
5	1.469	1.528	1.569
6	1.459	1.530	1.579
7	1.450	1.529	1.579
8	1.460	1.528	1.573
9	1.452	1.522	1.584
10	1.402	1.507	1.565
11	1.443	1.498	1.563
12	1.414	1.479	1.544
13	1.397	1.465	1.526
14	1.410	1.455	1.505
15	1.400	1.450	1.491
16	1.400	1.446	1.493
17	1.398	1.451	1.529
18	1.403	1.456	1.519
19	1.432	1.478	1.550
20	1.467	1.504	1.574
21	1.481	1.521	1.595
22	1.485	1.527	1.603
23	1.492	1.533	1.614
24	1.485	1.528	1.584
SUMMARY	1.397	1.505	1.614

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 3 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.466	1.526	1.598
2	1.462	1.525	1.597
3	1.467	1.526	1.608
4	1.463	1.522	1.599
5	1.457	1.523	1.599
6	1.450	1.524	1.591
7	1.440	1.523	1.590
8	1.454	1.522	1.588
9	1.445	1.513	1.581
10	1.426	1.498	1.575
11	1.430	1.489	1.575
12	1.405	1.473	1.562
13	1.393	1.462	1.552
14	1.368	1.449	1.533
15	1.375	1.443	1.515
16	1.375	1.441	1.509
17	1.396	1.448	1.532
18	1.409	1.451	1.546
19	1.434	1.470	1.563
20	1.445	1.494	1.596
21	1.447	1.513	1.603
22	1.458	1.518	1.599
23	1.462	1.524	1.615
24	1.467	1.521	1.605
SUMMARY	1.368	1.498	1.615

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                RBOSP   COMPOSITE DAY SUMMARY

   NITROGEN OXIDES  SITE 3  FOR  10/ 1/76  -  10/31/76
 HOUR OF DAY        MINIMUM       MEAN      MAXIMUM

      1              0.001        0.003       0.006

      2              0.001        0.003       0.006

      3              0.001        0.003       0.006

      4              0.001        0.003       0.005

      5              0.001        0.003       0.006

      6              0.0          0.003       0.006

      7              0.001        0.003       0.007

      8              0.001        0.003       0.007

      9              0.001        0.003       0.024

     10              0.001        0.003       0.009

     11              0.001        0.003       0.010

     12              0.001        0.003       0.012

     13              0.0          0.004       0.013

     14              0.001        0.004       0.013

     15              0.0          0.004       0.012

     16              0.001        0.004       0.012

     17              0.001        0.004       0.012

     18              0.0          0.003       0.011

     19              0.001        0.003       0.009

     20              0.001        0.003       0.008

     21              0.001        0.003       0.006

     22              0.001        0.003       0.008

     23              0.001        0.003       0.006

     24              0.001        0.003       0.006

   SUMMARY           0.0          0.003       0.024
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RBOSP COMPOSITE DAY SUMMARY

NITRIC OXIDE SITE 3 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.004	0.007
2	0.001	0.004	0.007
3	0.001	0.004	0.007
4	0.001	0.004	0.008
5	0.001	0.004	0.008
6	0.001	0.004	0.007
7	0.001	0.004	0.008
8	0.001	0.004	0.007
9	0.001	0.004	0.028
10	0.001	0.003	0.009
11	0.0	0.003	0.011
12	0.001	0.003	0.013
13	0.001	0.004	0.014
14	0.001	0.004	0.014
15	0.001	0.004	0.014
16	0.001	0.003	0.013
17	0.001	0.003	0.013
18	0.001	0.003	0.012
19	0.001	0.003	0.010
20	0.001	0.004	0.008
21	0.001	0.004	0.007
22	0.001	0.004	0.008
23	0.001	0.004	0.007
24	0.001	0.004	0.007
SUMMARY	0.0	0.004	0.028

RBOSP   COMPOSITE DAY SUMMARY

CARBON MONOXIDE   SITE 3   FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.297	1.018
2	0.0	0.294	1.009
3	0.0	0.286	1.012
4	0.0	0.291	1.021
5	0.0	0.283	1.031
6	0.0	0.272	1.050
7	0.012	0.274	1.013
8	0.067	0.277	1.026
9	0.0	0.284	0.990
10	0.013	0.251	1.040
11	0.0	0.191	1.081
12	0.0	0.164	0.903
13	0.0	0.177	0.920
14	0.0	0.153	0.887
15	0.0	0.130	0.915
16	0.0	0.135	0.928
17	0.0	0.136	0.920
18	0.0	0.139	0.965
19	0.0	0.180	1.004
20	0.0	0.236	1.007
21	0.0	0.265	1.001
22	0.0	0.268	1.014
23	0.0	0.265	0.993
24	0.0	0.258	0.982
SUMMARY	0.0	0.229	1.081

RBOSP COMPOSITE DAY SUMMARY

OZONE SITE 3 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.010	0.022	0.032
2	0.014	0.022	0.033
3	0.014	0.021	0.028
4	0.015	0.021	0.029
5	0.014	0.021	0.032
6	0.014	0.020	0.032
7	0.013	0.020	0.030
8	0.013	0.019	0.027
9	0.016	0.023	0.030
10	0.024	0.029	0.034
11	0.027	0.034	0.041
12	0.029	0.037	0.043
13	0.032	0.039	0.045
14	0.031	0.039	0.044
15	0.030	0.039	0.044
16	0.031	0.040	0.046
17	0.031	0.040	0.046
18	0.030	0.039	0.046
19	0.023	0.031	0.047
20	0.021	0.028	0.047
21	0.016	0.026	0.042
22	0.012	0.026	0.042
23	0.012	0.025	0.038
24	0.008	0.023	0.035
SUMMARY	0.008	0.028	0.047

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.002	0.002
2	0.002	0.002	0.004
3	0.002	0.002	0.003
4	0.002	0.002	0.002
5	0.002	0.002	0.003
6	0.002	0.002	0.003
7	0.002	0.002	0.002
8	0.002	0.002	0.009
9	0.001	0.002	0.003
10	0.002	0.002	0.003
11	0.001	0.002	0.002
12	0.001	0.002	0.003
13	0.001	0.002	0.002
14	0.002	0.002	0.003
15	0.002	0.002	0.002
16	0.002	0.002	0.004
17	0.002	0.002	0.002
18	0.002	0.002	0.002
19	0.002	0.002	0.002
20	0.002	0.002	0.004
21	0.002	0.002	0.002
22	0.002	0.002	0.003
23	0.002	0.002	0.003
24	0.002	0.002	0.002
SUMMARY	0.001	0.002	0.009

FBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.003	0.007
2	0.002	0.003	0.004
3	0.002	0.003	0.003
4	0.003	0.003	0.003
5	0.002	0.003	0.009
6	0.003	0.003	0.004
7	0.002	0.003	0.004
8	0.002	0.003	0.008
9	0.002	0.003	0.004
10	0.002	0.003	0.010
11	0.002	0.003	0.004
12	0.002	0.003	0.004
13	0.002	0.003	0.004
14	0.003	0.003	0.003
15	0.002	0.003	0.003
16	0.002	0.003	0.005
17	0.002	0.003	0.004
18	0.002	0.003	0.004
19	0.003	0.003	0.003
20	0.002	0.003	0.007
21	0.002	0.003	0.004
22	0.003	0.003	0.003
23	0.003	0.003	0.003
24	0.002	0.003	0.005
SUMMARY	0.002	0.003	0.010

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.459	1.526	1.581
2	1.456	1.531	1.584
3	1.462	1.530	1.590
4	1.471	1.530	1.584
5	1.459	1.523	1.588
6	1.472	1.519	1.586
7	1.479	1.522	1.592
8	1.472	1.519	1.586
9	1.468	1.509	1.576
10	1.403	1.494	1.567
11	1.425	1.491	1.535
12	1.446	1.493	1.563
13	1.439	1.482	1.543
14	1.430	1.471	1.535
15	1.419	1.464	1.554
16	1.401	1.463	1.514
17	1.398	1.458	1.541
18	1.432	1.488	1.579
19	1.455	1.504	1.563
20	1.465	1.512	1.565
21	1.460	1.518	1.603
22	1.463	1.523	1.635
23	1.460	1.522	1.597
24	1.467	1.523	1.589
SUMMARY	1.398	1.505	1.635

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.438	1.505	1.561
2	1.438	1.508	1.556
3	1.450	1.510	1.596
4	1.458	1.508	1.563
5	1.445	1.505	1.561
6	1.448	1.501	1.567
7	1.460	1.503	1.564
8	1.446	1.502	1.567
9	1.454	1.491	1.556
10	1.314	1.470	1.547
11	1.397	1.467	1.524
12	1.430	1.468	1.531
13	1.427	1.460	1.510
14	1.414	1.447	1.499
15	1.403	1.439	1.494
16	1.390	1.439	1.498
17	1.386	1.441	1.520
18	1.416	1.465	1.563
19	1.434	1.483	1.553
20	1.444	1.492	1.551
21	1.442	1.498	1.568
22	1.454	1.502	1.599
23	1.454	1.503	1.570
24	1.453	1.502	1.568
SUMMARY	1.314	1.484	1.599

R80SP COMPOSITE DAY SUMMARY

NITROGEN OXIDES SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.004	0.016
2	0.001	0.004	0.015
3	0.001	0.004	0.015
4	0.001	0.004	0.016
5	0.001	0.004	0.016
6	0.001	0.004	0.016
7	0.001	0.004	0.016
8	0.001	0.004	0.016
9	0.001	0.003	0.016
10	0.0	0.003	0.015
11	0.001	0.002	0.015
12	0.0	0.002	0.015
13	0.0	0.002	0.015
14	0.001	0.002	0.015
15	0.0	0.003	0.014
16	0.001	0.003	0.015
17	0.0	0.003	0.015
18	0.001	0.003	0.015
19	0.001	0.004	0.019
20	0.001	0.003	0.014
21	0.001	0.003	0.014
22	0.0	0.003	0.015
23	0.001	0.003	0.016
24	0.001	0.004	0.016
SUMMARY	0.0	0.003	0.019

RBOSP COMPOSITE DAY SUMMARY

NITRIC OXIDE SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.006	0.020
2	0.002	0.006	0.020
3	0.001	0.006	0.019
4	0.001	0.006	0.019
5	0.001	0.006	0.020
6	0.002	0.006	0.020
7	0.002	0.006	0.019
8	0.002	0.006	0.020
9	0.001	0.005	0.019
10	0.001	0.004	0.019
11	0.001	0.004	0.019
12	0.001	0.003	0.018
13	0.001	0.003	0.018
14	0.001	0.003	0.018
15	0.001	0.003	0.018
16	0.001	0.004	0.018
17	0.001	0.004	0.019
18	0.001	0.004	0.019
19	0.001	0.005	0.022
20	0.002	0.005	0.017
21	0.001	0.006	0.018
22	0.001	0.005	0.019
23	0.002	0.006	0.019
24	0.002	0.006	0.020
SUMMARY	0.001	0.005	0.022

R30SP COMPOSITE DAY SUMMARY

CARBON MONOXIDE SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.572	1.135
2	0.0	0.539	1.136
3	0.0	0.536	1.150
4	0.0	0.546	1.207
5	0.0	0.545	1.170
6	0.0	0.536	1.174
7	0.0	0.555	1.158
8	0.0	0.514	1.189
9	0.022	0.547	1.157
10	0.015	0.542	1.090
11	0.0	0.536	1.078
12	0.0	0.590	1.088
13	0.0	0.551	1.046
14	0.0	0.533	1.034
15	0.0	0.559	1.110
16	0.0	0.526	1.078
17	0.0	0.525	1.115
18	0.0	0.521	1.113
19	0.0	0.501	0.993
20	0.0	0.551	1.053
21	0.0	0.523	1.113
22	0.0	0.541	1.062
23	0.0	0.545	1.147
24	0.0	0.556	1.281
SUMMARY	0.0	0.541	1.281

RBOSP COMPOSITE DAY SUMMARY

OZONE SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.014	0.021	0.031
2	0.013	0.021	0.033
3	0.013	0.021	0.033
4	0.014	0.020	0.033
5	0.013	0.020	0.033
6	0.012	0.019	0.033
7	0.010	0.019	0.028
8	0.010	0.019	0.030
9	0.012	0.019	0.030
10	0.017	0.025	0.036
11	0.020	0.029	0.036
12	0.024	0.032	0.037
13	0.027	0.034	0.040
14	0.027	0.035	0.040
15	0.029	0.036	0.041
16	0.029	0.036	0.042
17	0.029	0.036	0.041
18	0.021	0.031	0.036
19	0.019	0.026	0.034
20	0.019	0.025	0.034
21	0.017	0.024	0.033
22	0.017	0.024	0.029
23	0.015	0.023	0.028
24	0.014	0.022	0.028
SUMMARY	0.010	0.026	0.042

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.002	0.004
2	0.0	0.002	0.004
3	0.0	0.002	0.004
4	0.0	0.002	0.004
5	0.0	0.002	0.005
6	0.0	0.002	0.004
7	0.0	0.002	0.004
8	0.0	0.002	0.009
9	0.0	0.002	0.004
10	0.0	0.002	0.004
11	0.0	0.002	0.004
12	0.0	0.002	0.004
13	0.0	0.002	0.003
14	0.0	0.002	0.004
15	0.0	0.002	0.005
16	0.0	0.002	0.004
17	0.0	0.002	0.024
18	0.0	0.002	0.005
19	0.0	0.002	0.004
20	0.0	0.002	0.005
21	0.0	0.002	0.004
22	0.0	0.002	0.004
23	0.0	0.002	0.003
24	0.0	0.002	0.004
SUMMARY	0.0	0.002	0.024

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.003	0.007
2	0.001	0.003	0.004
3	0.001	0.003	0.004
4	0.001	0.003	0.004
5	0.001	0.003	0.009
6	0.001	0.003	0.004
7	0.001	0.003	0.004
8	0.001	0.003	0.008
9	0.001	0.003	0.005
10	0.001	0.003	0.010
11	0.001	0.003	0.004
12	0.001	0.003	0.004
13	0.001	0.003	0.004
14	0.001	0.003	0.004
15	0.001	0.003	0.005
16	0.001	0.003	0.005
17	0.001	0.003	0.004
18	0.001	0.003	0.005
19	0.001	0.003	0.005
20	0.001	0.003	0.007
21	0.001	0.003	0.004
22	0.001	0.003	0.003
23	0.001	0.003	0.003
24	0.001	0.003	0.005
SUMMARY	0.001	0.003	0.010

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.278	1.504	1.614
2	1.279	1.508	1.608
3	1.281	1.509	1.606
4	1.289	1.506	1.597
5	1.284	1.504	1.600
6	1.273	1.502	1.593
7	1.280	1.504	1.592
8	1.288	1.502	1.606
9	1.271	1.491	1.584
10	1.257	1.476	1.567
11	1.311	1.472	1.563
12	1.235	1.459	1.563
13	1.228	1.446	1.543
14	1.220	1.441	1.535
15	1.227	1.436	1.554
16	1.230	1.430	1.514
17	1.222	1.434	1.541
18	1.226	1.450	1.607
19	1.242	1.462	1.563
20	1.262	1.483	1.574
21	1.290	1.494	1.603
22	1.262	1.499	1.635
23	1.282	1.503	1.614
24	1.269	1.502	1.589
SUMMARY	1.220	1.481	1.635

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.312	1.494	1.598
2	1.306	1.496	1.597
3	1.306	1.497	1.608
4	1.318	1.496	1.610
5	1.312	1.494	1.599
6	1.300	1.493	1.591
7	1.308	1.493	1.590
8	1.302	1.492	1.588
9	1.290	1.480	1.581
10	1.281	1.461	1.575
11	1.305	1.456	1.575
12	1.292	1.445	1.562
13	1.273	1.435	1.552
14	1.287	1.428	1.533
15	1.289	1.421	1.515
16	1.288	1.415	1.509
17	1.290	1.424	1.532
18	1.296	1.435	1.563
19	1.294	1.449	1.563
20	1.320	1.469	1.596
21	1.291	1.482	1.603
22	1.286	1.488	1.599
23	1.311	1.492	1.615
24	1.300	1.491	1.605
SUMMARY	1.273	1.469	1.615

RBOSP COMPOSITE DAY SUMMARY

NITROGEN OXIDES SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.003	0.016
2	0.0	0.003	0.015
3	0.0	0.003	0.015
4	0.0	0.003	0.016
5	0.0	0.003	0.016
6	0.0	0.003	0.016
7	0.0	0.003	0.016
8	0.0	0.003	0.016
9	0.0	0.003	0.024
10	0.0	0.002	0.015
11	0.001	0.002	0.015
12	0.0	0.003	0.015
13	0.0	0.003	0.036
14	0.001	0.003	0.015
15	0.0	0.003	0.016
16	0.001	0.003	0.015
17	0.0	0.003	0.015
18	0.0	0.003	0.015
19	0.001	0.003	0.019
20	0.001	0.003	0.014
21	0.0	0.003	0.014
22	0.0	0.003	0.015
23	0.0	0.003	0.016
24	0.0	0.003	0.016
SUMMARY	0.0	0.003	0.036

RBOSP COMPOSITE DAY SUMMARY

NITRIC OXIDE SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.004	0.020
2	0.0	0.004	0.020
3	0.0	0.004	0.019
4	0.0	0.004	0.019
5	0.0	0.004	0.020
6	0.0	0.004	0.020
7	0.0	0.004	0.019
8	0.0	0.004	0.020
9	0.0	0.004	0.028
10	0.001	0.003	0.019
11	0.0	0.003	0.019
12	0.001	0.003	0.018
13	0.001	0.003	0.034
14	0.001	0.003	0.018
15	0.001	0.003	0.018
16	0.001	0.003	0.018
17	0.001	0.003	0.019
18	0.001	0.003	0.019
19	0.001	0.004	0.022
20	0.001	0.004	0.017
21	0.0	0.004	0.018
22	0.0	0.004	0.019
23	0.0	0.004	0.019
24	0.0	0.004	0.020
SUMMARY	0.0	0.004	0.034

RBOSP COMPOSITE DAY SUMMARY

CARBON MONOXIDE SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.421	1.135
2	0.0	0.408	1.136
3	0.0	0.406	1.150
4	0.0	0.410	1.207
5	0.0	0.407	1.170
6	0.0	0.398	1.174
7	0.0	0.404	1.158
8	0.0	0.395	1.189
9	0.0	0.411	1.157
10	0.013	0.394	1.126
11	0.0	0.363	1.081
12	0.0	0.368	1.088
13	0.0	0.364	1.064
14	0.0	0.352	1.046
15	0.0	0.342	1.110
16	0.0	0.326	1.078
17	0.0	0.329	1.115
18	0.0	0.325	1.113
19	0.0	0.337	1.004
20	0.0	0.384	1.053
21	0.0	0.395	1.113
22	0.0	0.408	1.075
23	0.0	0.410	1.147
24	0.0	0.410	1.281
SUMMARY	0.0	0.382	1.281

RBOSP COMPOSITE DAY SUMMARY

OZONE SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.009	0.022	0.032
2	0.006	0.021	0.034
3	0.006	0.020	0.043
4	0.006	0.020	0.042
5	0.005	0.020	0.039
6	0.004	0.019	0.039
7	0.004	0.018	0.041
8	0.005	0.018	0.039
9	0.010	0.022	0.038
10	0.017	0.028	0.042
11	0.020	0.032	0.045
12	0.024	0.036	0.047
13	0.027	0.038	0.047
14	0.027	0.038	0.047
15	0.029	0.039	0.047
16	0.029	0.039	0.046
17	0.029	0.039	0.046
18	0.021	0.037	0.049
19	0.019	0.032	0.047
20	0.016	0.027	0.047
21	0.008	0.026	0.042
22	0.012	0.025	0.042
23	0.011	0.024	0.038
24	0.008	0.023	0.035
SUMMARY	0.004	0.028	0.049

A.2.4

COMPOSITE DAY SUMMARIES FOR SITE 4
FALL 1976

SO_2	Sulfur Dioxide Concentration (ppm)
H_2S	Hydrogen Sulfide Concentration (ppm)
THC	Total Reactive Hydrocarbons Concentration (ppm)
CH_4	Methane Concentration (ppm)

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 4 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.003	0.009	0.071
2	0.003	0.009	0.063
3	0.003	0.010	0.053
4	0.003	0.010	0.060
5	0.003	0.009	0.058
6	0.003	0.008	0.054
7	0.003	0.008	0.053
8	0.001	0.008	0.056
9	0.003	0.009	0.068
10	0.003	0.007	0.073
11	0.001	0.005	0.059
12	0.001	0.004	0.041
13	0.001	0.009	0.053
14	0.001	0.011	0.059
15	0.001	0.010	0.063
16	0.001	0.009	0.064
17	0.001	0.010	0.060
18	0.001	0.010	0.053
19	0.001	0.008	0.032
20	0.001	0.005	0.025
21	0.003	0.008	0.056
22	0.002	0.009	0.084
23	0.001	0.010	0.085
24	0.001	0.010	0.081
SUMMARY	0.001	0.008	0.085

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 4 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.008	0.062
2	0.002	0.008	0.055
3	0.002	0.008	0.046
4	0.002	0.009	0.052
5	0.002	0.008	0.051
6	0.002	0.007	0.047
7	0.002	0.007	0.046
8	0.002	0.007	0.048
9	0.002	0.008	0.060
10	0.002	0.006	0.063
11	0.002	0.005	0.051
12	0.002	0.004	0.036
13	0.002	0.008	0.046
14	0.002	0.009	0.051
15	0.002	0.009	0.055
16	0.002	0.008	0.056
17	0.002	0.009	0.052
18	0.002	0.009	0.046
19	0.002	0.007	0.028
20	0.002	0.004	0.017
21	0.002	0.007	0.049
22	0.002	0.008	0.073
23	0.002	0.009	0.075
24	0.002	0.009	0.071
SUMMARY	0.002	0.008	0.075

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 4 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.363	1.467	1.590
2	1.373	1.469	1.590
3	1.375	1.471	1.598
4	1.391	1.474	1.602
5	1.386	1.477	1.604
6	1.368	1.479	1.615
7	1.359	1.480	1.630
8	1.339	1.480	1.631
9	1.343	1.481	1.679
10	1.348	1.473	1.657
11	1.331	1.465	1.544
12	1.322	1.457	1.532
13	1.307	1.439	1.533
14	1.296	1.434	1.526
15	1.299	1.423	1.515
16	1.222	1.410	1.518
17	1.297	1.416	1.516
18	1.312	1.422	1.529
19	1.327	1.429	1.518
20	1.337	1.443	1.551
21	1.366	1.459	1.544
22	1.370	1.467	1.567
23	1.364	1.469	1.568
24	1.365	1.468	1.584
SUMMARY	1.222	1.457	1.679

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              RBOSP    COMPOSITE DAY SUMMARY

              METHANE   SITE 4   FOR    9/ 1/76   -    9/30/76
     HOUR OF DAY         MINIMUM        MEAN       MAXIMUM

          1               1.302        1.408        1.481

          2               1.304        1.411        1.486

          3               1.300        1.411        1.484

          4               1.299        1.412        1.490

          5               1.292        1.414        1.498

          6               1.300        1.415        1.499

          7               1.297        1.416        1.504

          8               1.295        1.416        1.500

          9               1.294        1.412        1.482

         10               1.291        1.406        1.469

         11               1.275        1.408        1.478

         12               1.265        1.396        1.500

         13               1.260        1.379        1.454

         14               1.259        1.375        1.478

         15               1.264        1.372        1.506

         16               1.269        1.364        1.421

         17               1.204        1.353        1.417

         18               1.232        1.364        1.421

         19               1.254        1.373        1.441

         20               1.267        1.386        1.472

         21               1.289        1.404        1.496

         22               1.297        1.410        1.501

         23               1.300        1.408        1.500

         24               1.300        1.410        1.505

      SUMMARY             1.204        1.397        1.506
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RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 4 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.002	0.017
2	0.001	0.002	0.026
3	0.001	0.002	0.017
4	0.001	0.002	0.015
5	0.001	0.002	0.017
6	0.001	0.002	0.016
7	0.001	0.002	0.027
8	0.001	0.002	0.025
9	0.001	0.004	0.034
10	0.001	0.005	0.036
11	0.001	0.004	0.057
12	0.001	0.002	0.010
13	0.001	0.001	0.002
14	0.001	0.002	0.020
15	0.001	0.002	0.019
16	0.001	0.002	0.026
17	0.001	0.003	0.047
18	0.001	0.003	0.043
19	0.001	0.003	0.051
20	0.001	0.009	0.052
21	0.001	0.014	0.052
22	0.001	0.011	0.045
23	0.001	0.008	0.048
24	0.001	0.004	0.036
SUMMARY	0.001	0.004	0.057

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 4 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.003	0.015
2	0.002	0.003	0.024
3	0.002	0.002	0.015
4	0.002	0.002	0.013
5	0.002	0.002	0.015
6	0.002	0.003	0.015
7	0.002	0.003	0.024
8	0.002	0.003	0.022
9	0.001	0.005	0.030
10	0.001	0.005	0.032
11	0.001	0.004	0.051
12	0.002	0.002	0.010
13	0.002	0.002	0.003
14	0.0	0.003	0.017
15	0.002	0.003	0.015
16	0.002	0.003	0.023
17	0.002	0.004	0.042
18	0.002	0.003	0.039
19	0.002	0.004	0.045
20	0.002	0.009	0.047
21	0.002	0.013	0.047
22	0.001	0.010	0.040
23	0.002	0.008	0.043
24	0.002	0.004	0.032
SUMMARY	0.0	0.004	0.051

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 4 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.476	1.550	1.694
2	1.467	1.556	1.704
3	1.462	1.558	1.702
4	1.474	1.561	1.697
5	1.473	1.559	1.675
6	1.473	1.557	1.666
7	1.484	1.561	1.675
8	1.464	1.564	1.681
9	1.457	1.555	1.664
10	1.460	1.538	1.634
11	1.439	1.523	1.638
12	1.440	1.509	1.645
13	1.396	1.489	1.601
14	1.385	1.471	1.561
15	1.381	1.463	1.541
16	1.373	1.463	1.536
17	1.372	1.469	1.542
18	1.375	1.475	1.554
19	1.415	1.491	1.619
20	1.447	1.512	1.644
21	1.449	1.522	1.667
22	1.466	1.529	1.677
23	1.442	1.535	1.689
24	1.473	1.543	1.697
SUMMARY	1.372	1.523	1.704

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 4 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.397	1.456	1.537
2	1.412	1.460	1.538
3	1.411	1.463	1.539
4	1.402	1.461	1.520
5	1.409	1.460	1.503
6	1.386	1.459	1.504
7	1.371	1.459	1.523
8	1.385	1.464	1.534
9	1.386	1.454	1.513
10	1.362	1.437	1.486
11	1.369	1.424	1.466
12	1.357	1.415	1.487
13	1.347	1.399	1.451
14	1.338	1.388	1.450
15	1.327	1.382	1.453
16	1.323	1.382	1.456
17	1.329	1.389	1.490
18	1.336	1.392	1.468
19	1.340	1.407	1.455
20	1.369	1.424	1.479
21	1.368	1.434	1.503
22	1.365	1.438	1.514
23	1.220	1.436	1.522
24	1.391	1.447	1.522
SUMMARY	1.220	1.431	1.539

RBOSF COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 4 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.001	0.002
2	0.001	0.001	0.002
3	0.001	0.001	0.002
4	0.001	0.001	0.002
5	0.001	0.001	0.002
6	0.001	0.001	0.002
7	0.001	0.001	0.002
8	0.001	0.001	0.002
9	0.001	0.001	0.002
10	0.001	0.001	0.002
11	0.001	0.001	0.002
12	0.0	0.001	0.002
13	0.001	0.001	0.002
14	0.001	0.002	0.024
15	0.001	0.002	0.024
16	0.001	0.001	0.005
17	0.001	0.001	0.001
18	0.0	0.001	0.001
19	0.001	0.001	0.002
20	0.001	0.001	0.002
21	0.001	0.001	0.002
22	0.001	0.001	0.002
23	0.001	0.001	0.002
24	0.001	0.001	0.002
SUMMARY	0.0	0.001	0.024

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 4 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.002	0.002
2	0.001	0.002	0.003
3	0.001	0.002	0.003
4	0.001	0.002	0.003
5	0.001	0.002	0.003
6	0.001	0.002	0.003
7	0.001	0.002	0.003
8	0.001	0.002	0.003
9	0.001	0.002	0.003
10	0.001	0.002	0.003
11	0.001	0.002	0.003
12	0.001	0.002	0.002
13	0.001	0.002	0.003
14	0.001	0.003	0.021
15	0.001	0.003	0.021
16	0.001	0.002	0.005
17	0.001	0.002	0.002
18	0.001	0.002	0.002
19	0.001	0.002	0.002
20	0.001	0.002	0.003
21	0.001	0.002	0.003
22	0.001	0.002	0.003
23	0.001	0.002	0.003
24	0.001	0.002	0.002
SUMMARY	0.001	0.002	0.021

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 4 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.435	1.524	1.636
2	1.442	1.527	1.619
3	1.446	1.528	1.638
4	1.444	1.528	1.628
5	1.435	1.528	1.621
6	1.438	1.535	1.642
7	1.438	1.532	1.659
8	1.421	1.536	1.700
9	1.421	1.533	1.687
10	1.402	1.520	1.639
11	1.390	1.514	1.636
12	1.378	1.501	1.669
13	1.358	1.474	1.621
14	1.339	1.450	1.574
15	1.339	1.445	1.570
16	1.342	1.442	1.559
17	1.354	1.445	1.554
18	1.357	1.451	1.587
19	1.388	1.483	1.595
20	1.418	1.502	1.609
21	1.435	1.518	1.612
22	1.431	1.518	1.634
23	1.436	1.524	1.624
24	1.430	1.529	1.645
SUMMARY	1.339	1.504	1.700

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 4 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.401	1.477	1.566
2	1.419	1.479	1.566
3	1.422	1.481	1.572
4	1.422	1.481	1.582
5	1.410	1.480	1.585
6	1.413	1.485	1.601
7	1.416	1.484	1.620
8	1.404	1.485	1.644
9	1.401	1.484	1.639
10	1.386	1.472	1.596
11	1.376	1.467	1.595
12	1.363	1.458	1.597
13	1.344	1.435	1.560
14	1.328	1.415	1.519
15	1.320	1.408	1.503
16	1.319	1.407	1.497
17	1.337	1.407	1.496
18	1.336	1.411	1.517
19	1.370	1.438	1.527
20	1.371	1.455	1.546
21	1.414	1.471	1.547
22	1.409	1.471	1.567
23	1.414	1.476	1.562
24	1.410	1.481	1.564
SUMMARY	1.319	1.459	1.644

RBOSP COMPOSITE DAY SUMMARY

SULFUR DIOXIDE SITE 4 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.001	0.004	0.071
2	0.001	0.004	0.063
3	0.001	0.004	0.053
4	0.001	0.004	0.060
5	0.001	0.004	0.058
6	0.001	0.003	0.054
7	0.001	0.004	0.053
8	0.001	0.004	0.056
9	0.001	0.005	0.068
10	0.001	0.004	0.073
11	0.001	0.003	0.059
12	0.0	0.002	0.041
13	0.001	0.003	0.053
14	0.001	0.005	0.059
15	0.001	0.004	0.063
16	0.001	0.004	0.064
17	0.001	0.004	0.060
18	0.0	0.004	0.053
19	0.001	0.004	0.051
20	0.001	0.005	0.052
21	0.001	0.008	0.056
22	0.001	0.007	0.084
23	0.001	0.006	0.085
24	0.001	0.005	0.081
SUMMARY	0.0	0.004	0.085

RBOSP COMPOSITE DAY SUMMARY

HYDROGEN SULFIDE SITE 4 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.002	0.004	0.062
2	0.001	0.004	0.055
3	0.001	0.004	0.046
4	0.001	0.004	0.052
5	0.001	0.004	0.051
6	0.001	0.004	0.047
7	0.001	0.004	0.046
8	0.001	0.004	0.048
9	0.001	0.005	0.060
10	0.001	0.004	0.063
11	0.001	0.004	0.051
12	0.001	0.003	0.036
13	0.001	0.004	0.046
14	0.0	0.005	0.051
15	0.001	0.005	0.055
16	0.001	0.004	0.056
17	0.001	0.005	0.052
18	0.001	0.005	0.046
19	0.001	0.004	0.045
20	0.001	0.005	0.047
21	0.001	0.007	0.049
22	0.001	0.007	0.073
23	0.001	0.006	0.075
24	0.001	0.005	0.071
SUMMARY	0.0	0.004	0.075

RBOSP COMPOSITE DAY SUMMARY

TOTAL HYDROCARBONS SITE 4 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.363	1.516	1.694
2	1.373	1.519	1.704
3	1.375	1.521	1.702
4	1.391	1.523	1.697
5	1.386	1.523	1.675
6	1.368	1.526	1.666
7	1.350	1.526	1.675
8	1.339	1.529	1.700
9	1.343	1.524	1.687
10	1.348	1.511	1.657
11	1.331	1.502	1.638
12	1.322	1.490	1.669
13	1.307	1.469	1.621
14	1.296	1.453	1.574
15	1.299	1.445	1.570
16	1.222	1.440	1.559
17	1.297	1.445	1.554
18	1.312	1.450	1.587
19	1.327	1.468	1.619
20	1.337	1.487	1.644
21	1.366	1.501	1.667
22	1.370	1.506	1.677
23	1.364	1.511	1.689
24	1.365	1.516	1.697
SUMMARY	1.222	1.496	1.704

RBOSP COMPOSITE DAY SUMMARY

METHANE SITE 4 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.302	1.452	1.566
2	1.304	1.455	1.566
3	1.300	1.457	1.572
4	1.299	1.457	1.582
5	1.292	1.457	1.585
6	1.300	1.459	1.601
7	1.297	1.458	1.620
8	1.295	1.461	1.644
9	1.294	1.455	1.639
10	1.291	1.443	1.596
11	1.275	1.437	1.595
12	1.265	1.427	1.597
13	1.260	1.408	1.560
14	1.259	1.396	1.519
15	1.264	1.390	1.506
16	1.269	1.387	1.497
17	1.204	1.386	1.496
18	1.232	1.392	1.517
19	1.254	1.408	1.527
20	1.267	1.426	1.546
21	1.289	1.440	1.547
22	1.297	1.443	1.567
23	1.220	1.444	1.562
24	1.300	1.450	1.564
SUMMARY	1.204	1.433	1.644

SECTION A.3

AIR QUALITY DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS

FALL 1976

A.3-1 to A.3-2

SECTION A.3

AIR QUALITY DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS FOR THE RBOSP

SEPTEMBER 1976

Parameters	Site 1	Site 2	Site 3	Site 4
SO_2	90.0	99.3	45.6	87.6
H_2S	90.0	99.3	45.6	87.6
THC	86.8	94.4	93.4	93.1
CH_4	86.8	94.4	98.4	67.4
NO_x	93.5	--	97.4	--
NO	93.5	--	97.4	--
CO	97.3	--	97.3	--
O_3	97.4	--	97.4	--

OCTOBER 1976

Parameters	Site 1	Site 2	Site 3	Site 4
SO_2	84.8	100.0	84.3	100.0
H_2S	84.8	100.0	84.3	100.0
THC	81.2	89.5	89.2	100.0
CH_4	82.3	89.5	89.2	90.9
NO_x	100.0	--	100.0	--
NO	100.0	--	100.0	--
CO	100.0	--	100.0	--
O_3	100.0	--	100.0	--

NOVEMBER 1976

Parameters	Site 1	Site 2	Site 3	Site 4
SO_2	95.9	99.0	99.3	99.0
H_2S	95.9	99.0	99.3	99.0
THC	95.8	99.0	95.3	99.0
CH_4	95.8	99.0	95.3	99.0
NO_x	95.8	--	99.3	--
NO	95.8	--	99.3	--
CO	95.7	--	99.3	--
O_3	95.8	--	99.3	--

NOTE: Percentage values are adjusted for calibration or Force Majeure outages. Values represent the percent of time continuously monitored parameters were measured.

SO_2	Sulfur Dioxide Concentration
H_2S	Hydrogen Sulfide Concentration
THC	Total Reactive Hydrocarbons Concentration
CH_4	Methane Concentration
NO_x	Total Nitrogen Oxides Concentration
NO	Nitric Oxide Concentration
CO	Carbon Monoxide Concentration
O_3	Ozone Concentration

2.2 METEOROLOGY

According to the environmental lease stipulation, the . . . "Lessee shall establish a meteorological station in reasonable proximity to each proposed plant site to monitor, at least 95% of the time over each lease year during which monitoring is required, wind direction and speed (vane and anemometer) at three levels, one at least 100 feet above the surface of the plant site, one at approximately 30 feet above the surface of the plant site, and one at an intermediate level, and temperature at two levels, one at least 100 feet above the surface of the plant site, and one at approximately 30 feet above the surface of the plant site, and humidity at one level. The Lessee shall maintain records of all baseline data collection and monitoring programs."

The above describes the minimum meteorological monitoring at the proposed plant site. The RBOSP has met these minimum requirements.

The RBOSP meteorological data acquisition system is integrated into the network described in Section 2.1. It includes instrument towers at Sites 1, 2, 3, and 4. Data transmission from the remote sites and recording methods are similar to those utilized in the air quality studies, i.e., hard copy reports are provided hourly, and continuous analog records are made for each parameter.

The Central Station is located at Site 1, which has a 60-m meteorological tower. Wind speed, wind direction, air temperature and relative humidity are measured at the 10-m level. Ambient temperature, wind speed, and wind direction are measured at the 30- and 60-m levels, and the temperature differences between the 10- and 60-m levels are recorded. Additionally, precipitation and solar radiation are monitored at ground level at Site 1.

All meteorological parameters are measured continuously. The data are averaged during the last 15 minutes of each hour and entered into the computer file.

The following parameters are not part of the automatic data acquisition system, but are monitored routinely or seasonally:

- Evaporation rate
- Snow depth and water content
- Particulates
- Visibility

At each of remote Sites 2, 3, and 4 there is a 10-m meteorological tower. Wind speed, wind direction, and ambient air temperature are measured at the 10-m level. Particulates and precipitation are also measured at these sites.

Seasonal upper air studies measuring winds and temperatures to an elevation of 13,000 feet above MSL have been completed over Tract C-a. These studies, performed by manually tracking pilot balloons with a theodolite and aircraft-mounted temperature sensors, provide basic information on the mean mixing layer height above Tract C-a. Upper air information was collected as part of the tracer studies during this quarter.

Tracer diffusion studies designed to track dispersion of the tracer material in the lower atmosphere to evaluate modeling predictions and lead to a better understanding of terrain effects were conducted in October 1976. Ambient noise level measurements have been taken for the first and second year of baseline monitoring.

All the data obtained are used to define the baseline atmospheric conditions and for application in the appropriate diffusion models used to predict and minimize the effects of shale oil operations on ambient air quality.

The baseline meteorological program is established at two lower atmospheric levels, referred to in this report as lower air studies and upper air studies. The lower air studies include data obtained from the four station network; the upper air studies involve obtaining data on the winds aloft and vertical temperature profiles. Upper air studies are performed on a seasonal basis. Upper air measurements are performed during the baseline study period concurrently with tracer studies. Studies which provide useful information but which do not fall into these categories are: precipitation, evaporation, solar radiation, noise, snow course, visibility, and tracer studies (discussed under Miscellaneous, Section 2.2.3).

The Fall 1976 quarter (season), as used in this section, is defined as 1 September 1976 through 30 November 1976.

2.2.1 Lower Air Studies

Lower air studies refer to the meteorological data acquired from the four station ground networks and include wind speed, direction, and air temperature at 10 m above the surface at all four monitoring sites. Relative humidity at 10 m, and wind speed, wind direction, and air temperature at 30 and 60 m above the surface at the main monitoring site are also included.

2.2.1.3 Results

The 1976 Fall season and monthly summaries of the minimum, maximum, and mean values of the meteorological parameters measured at each site are presented in Tables 2.2-1 through 2.2-4. The composite hour as illustrated in Figure 2.2-1, for example, is the mean of the data taken during a particular hour of the day for all days of the indicated period. A composite day defines the minimum, maximum, and mean values for 24 composite hours of the period indicated. The minimum and maximum listed are the individual hourly averages which are greater than or less than all other hourly averages. A complete listing of hourly averages is presented in Appendix B, Section B.1.

Summaries for each hour of the day (composite day summaries) for all meteorological parameters are presented in Appendix B, Section B.2. Data recovery percentages are presented in Section B.7.

2.2.1.3.1 Wind Data

The prevailing 10-m level wind at Site 1 was from the west southwest and the prevailing 10-m level wind at Site 2 was from the southwest during Fall 1976.

The mean wind speeds were 6.46 mph at Site 1 and 7.06 mph at Site 2. Although Sites 1 and 2 are at about the same elevation (7,400 feet above MSL) the local terrain at Site 2 is relatively flatter than at Site 1. The Site 2 monitoring location is the highest point within a radius of approximately 1 km. The 10-m level of the main meteorological tower at Site 1 is approximately 50 m lower than the elevation of several knolls within several hundred meters. The increased terrain influence at Site 1 is probably responsible for the lower mean wind speed.

Mean wind speeds at Sites 3 and 4 for the Fall 1976 period were 6.40 and 4.88 mph, respectively. Sites 3 and 4, below plateau levels, are situated in the approximate centers of Corral Gulch and Yellow Creek Gulch at elevations of 6,570 and 6,280 feet above MSL. Corral Gulch is oriented in a west to east direction. Yellow Creek Gulch is oriented in a south-southwest to north-northwest direction.

Table 2.2-1. Meteorological parameters, monthly summary for September 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Mean
Site 1				
Wind Speed (10 m)	mph	0.97	18.47	6.69
Wind Speed (30 m)	mph	0.94	21.62	7.57
Wind Speed (60 m)	mph	0.92	25.36	8.61
Wind Direction Sigma (10 m)	degrees	0.39	33.34	12.60
Air Temperature (10 m)	C	3.36	26.83	14.24
Air Temperature (30 m)	C	3.47	26.46	14.38
Temperature Difference (60 to 10 m)	C	-2.37	1.32	0.17
Relative Humidity (10 m)	%	12.13	80.95	30.70
Site 2				
Wind Speed (10 m)	mph	0.88	23.00	7.10
Air Temperature (10 m)	C	2.90	26.30	13.91
Site 3				
Wind Speed (10 m)	mph	0.93	19.85	6.40
Air Temperature (10 m)	C	-3.05	28.79	13.04
Site 4				
Wind Speed (10 m)	mph	0.91	22.52	5.29
Air Temperature (10 m)	C	-5.42	30.68	12.74

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[1] Values presented are based upon hourly averages.

Table 2.2-2. Meteorological parameters, monthly summary for October 1976, RBOSP[1/]

Parameter	Units	Minimum	Maximum	Mean
Site 1				
Wind Speed (10 m)	mph	0.87	20.67	6.74
Wind Speed (30 m)	mph	0.94	26.30	7.86
Wind Speed (60 m)	mph	0.92	31.18	8.72
Wind Direction Sigma (10 m)	degrees	0.69	33.71	10.91
Air Temperature (10 m)	C	-7.24	21.50	7.18
Air Temperature (30 m)	C	-7.29	21.04	7.32
Temperature Difference (60 to 10 m)	C	-2.27	1.23	0.07
Relative Humidity (10 m)	%	15.46	71.90	24.87
Site 2				
Wind Speed (10 m)	mph	0.89	27.29	7.27
Air Temperature (10 m)	C	-7.68	20.17	6.81
Site 3				
Wind Speed (10 m)	mph	0.55	24.83	6.64
Air Temperature (10 m)	C	-11.60	24.12	5.13
Site 4				
Wind Speed (10 m)	mph	0.99	19.08	4.95
Air Temperature (10 m)	C	-16.70	24.79	2.89

[1/] Values presented are based upon hourly averages.

Table 2.2-3. Meteorological parameters, monthly summary for November 1976, RBOSP.[1/]

Parameter	Units	Minimum	Maximum	Mean
Site 1				
Wind Speed (10 m)	mph	0.87	21.81	5.93
Wind Speed (30 m)	mph	0.97	25.14	6.85
Wind Speed (60 m)	mph	0.92	27.90	7.40
Wind Direction Sigma (10 m)	degrees	0.94	34.52	10.83
Air Temperature (10 m)	C	-21.70	15.17	2.25
Air Temperature (30 m)	C	-21.30	15.58	2.51
Temperature Difference (60 to 10 m)	C	-2.14	0.96	0.00
Relative Humidity (10 m)	%	16.84	60.43	25.93
Site 2				
Wind Speed (10 m)	mph	0.69	26.51	6.79
Air Temperature (10 m)	C	-22.20	15.38	2.09
Site 3				
Wind Speed (10 m)	mph	0.61	20.38	6.02
Air Temperature (10 m)	C	-25.30	17.81	-0.35
Site 4				
Wind Speed (10 m)	mph	0.75	16.07	4.41
Air Temperature (10 m)	C	-31.50	17.77	-3.05

[1/] Values presented are based upon hourly averages.

Table 2.2-4. Meteorological parameters, seasonal summary for Fall 1976, RBOSP.[1]

Parameter	Units	Minimum	Maximum	Mean
Site 1				
Wind Speed (10 m)	mph	0.87	21.81	6.46
Wind Speed (30 m)	mph	0.94	26.30	7.43
Wind Speed (60 m)	mph	0.92	31.18	8.26
Wind Direction Sigma (10 m)	degrees	0.39	34.52	11.43
Air Temperature (10 m)	C	-21.70	26.83	7.94
Air Temperature (30 m)	C	-21.30	26.46	7.94
Temperature Difference (60 to 10 m)	C	-2.37	1.32	0.08
Relative Humidity (10 m)	%	12.13	80.95	27.11
Site 2				
Wind Speed (10 m)	mph	0.69	27.29	7.06
Air Temperature (10 m)	C	-22.20	26.30	7.60
Site 3				
Wind Speed (10 m)	mph	0.55	24.83	6.40
Air Temperature (10 m)	C	-25.30	28.79	5.79
Site 4				
Wind Speed (10 m)	mph	0.75	22.52	4.88
Air Temperature (10 m)	C	-31.50	30.68	4.08

---

[1] Values presented are based upon hourly averages.

The diurnal variation of mean wind speed for each site is shown in Figures 2.2-1 to 2.2-6. Mean wind speeds are on the average 4 to 7 mph higher during daytime hours than during nighttime hours with Site 4 showing the largest variation. The 60-m level has about a 7 mph higher wind speed during the day than during the night.

The diurnal variation of the wind direction sigma at the 10-m level for Site 1 is shown in Figure 2.2-7.

Wind rose data for Fall 1976 are presented for all four monitoring stations in Figure 2.2-8. The percentage of occurrence of each wind class can be obtained from the number scale on each wind rose plot or from the wind rose data summaries in Appendix B, Section B.3 or B.4.

Wind rose data (10-m level) from Sites 1 and 2 are comparable; winds are predominantly from westsouthwest and west. The reduced frequency of occurrence of southwest winds at Site 1 as compared to Site 2 is probably caused by the influence from a small knoll about 200 m southwest of Site 1. Extreme terrain-induced wind channeling effects exist at Sites 3 and 4. Winds at Site 3 are predominantly from the west and west-northwest, which is in agreement with the westerly course of Corral Gulch. The predominant winds at Site 4 are from the southwest and south-southwest, corresponding closely to the orientation of Stake Springs Draw and Yellow Creek. In addition to the terrain-induced channeling of the gradient winds at Sites 3 and 4, valley drainage flows probably contribute significantly to the direction of winds.

The term gradient wind is used here to describe wind flows resulting from a pressure difference between two points at the same elevation, while the term valley drainage flow is used to describe the winds resulting from radiative cooling of the near surface layers of air which produce a subsiding, down-slope flow.

A least squares fit to the mean seasonal wind speed as a function of height at the 60-m tower (Site 1) was done to investigate the applicability of the logarithmic wind profiles:

$$\overline{u} = \frac{u^*}{K} \ln \left(\frac{Z}{Z_o}\right)$$

where Z_o is the roughness parameter, K is the von Karman constant, and u^* is the friction velocity. The summer seasonal data fit the logarithmic wind profile to a high degree of confidence (coefficient of determination, $r^2 = 0.926$) with $u^*/K = 0.38$ mph, $Z_o = 7.7$ mm, and Z = height above ground.

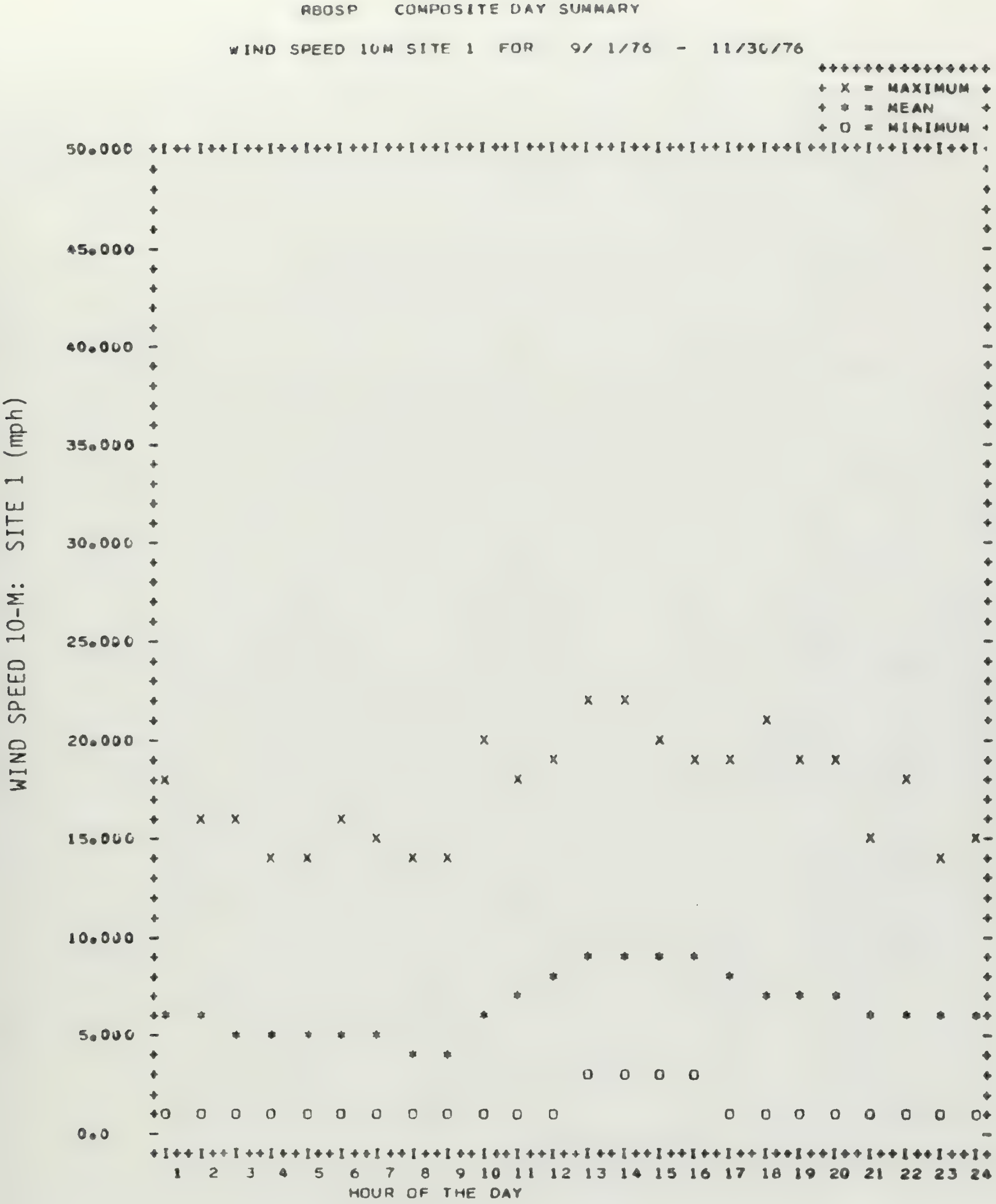

Figure 2.2-1. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 1, RBOSP.

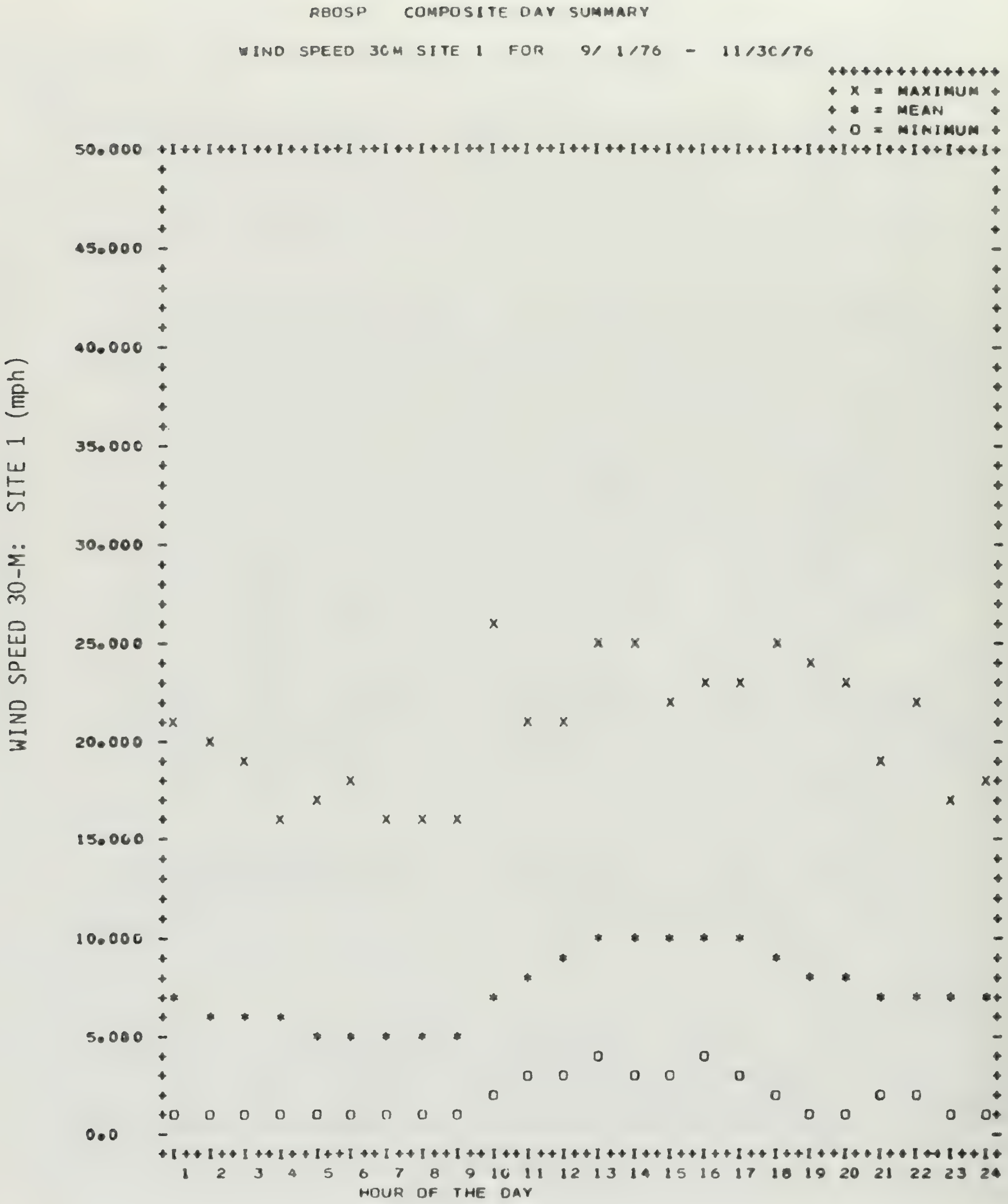

Figure 2.2-2. Wind speed, 30-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 1, RBOSP.

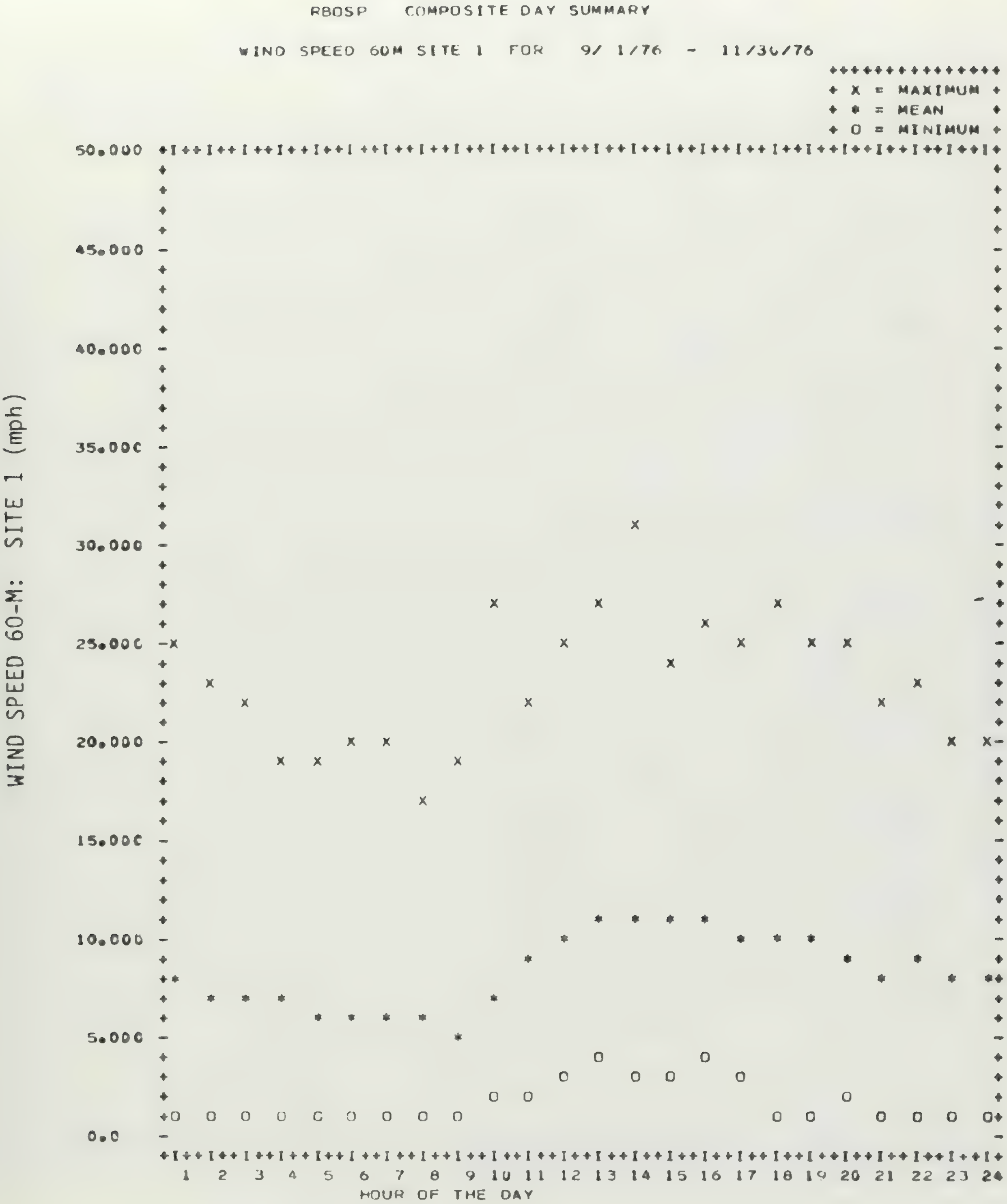

Figure 2.2-3. Wind speed, 60-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 1, RBOSP.

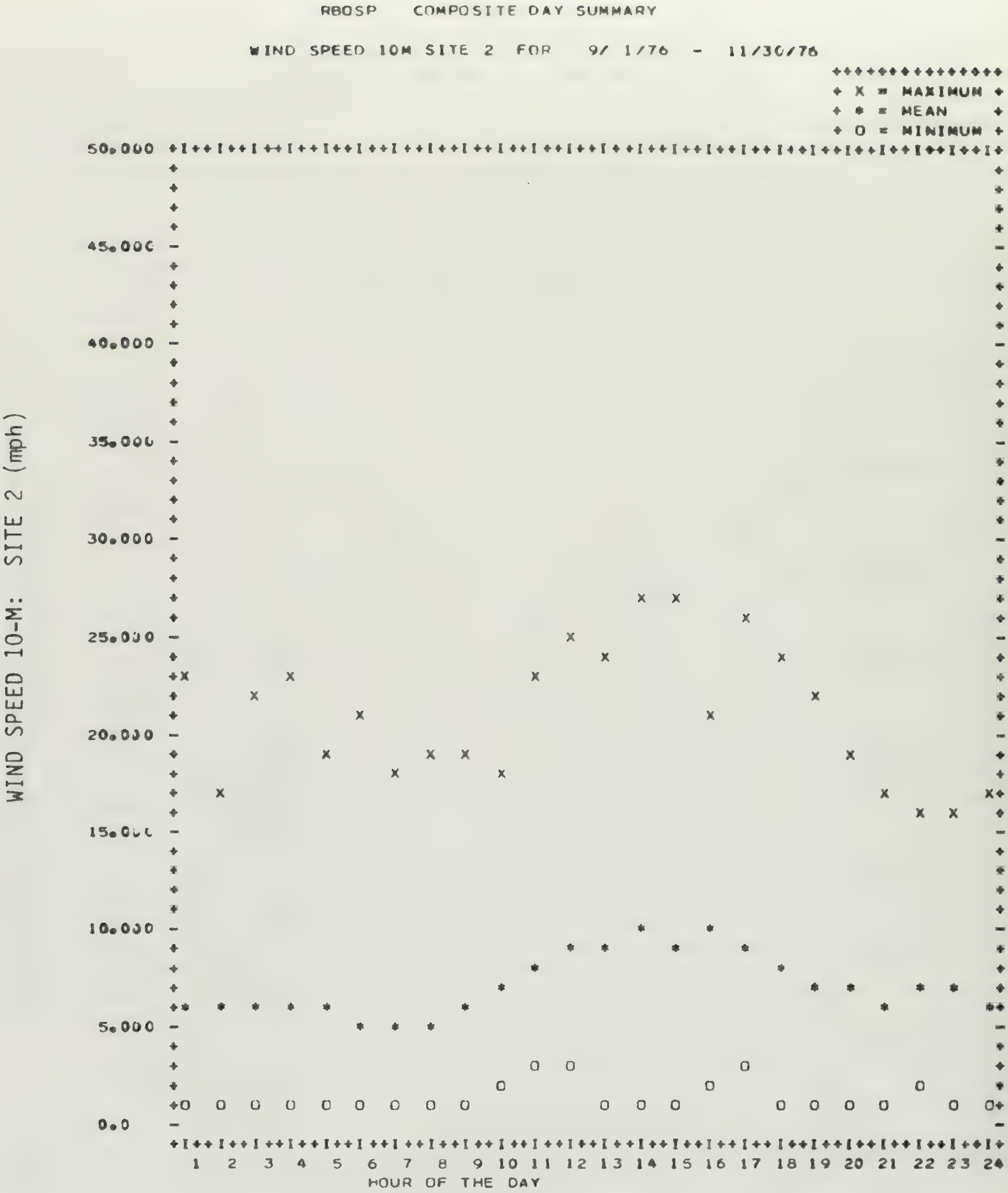

Figure 2.2-4. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 2, RBOSP.

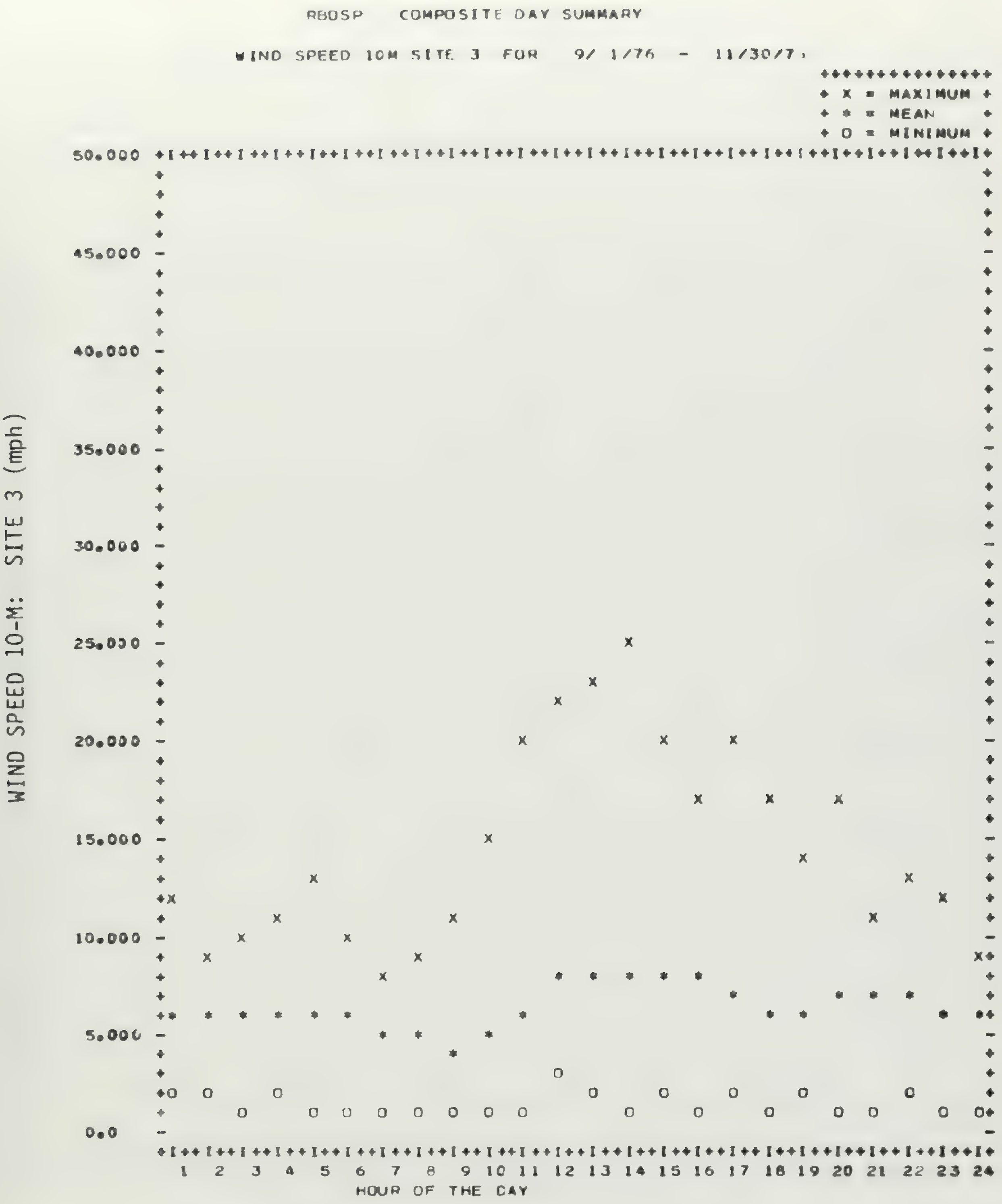

Figure 2.2-5. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 3, RBOSP.

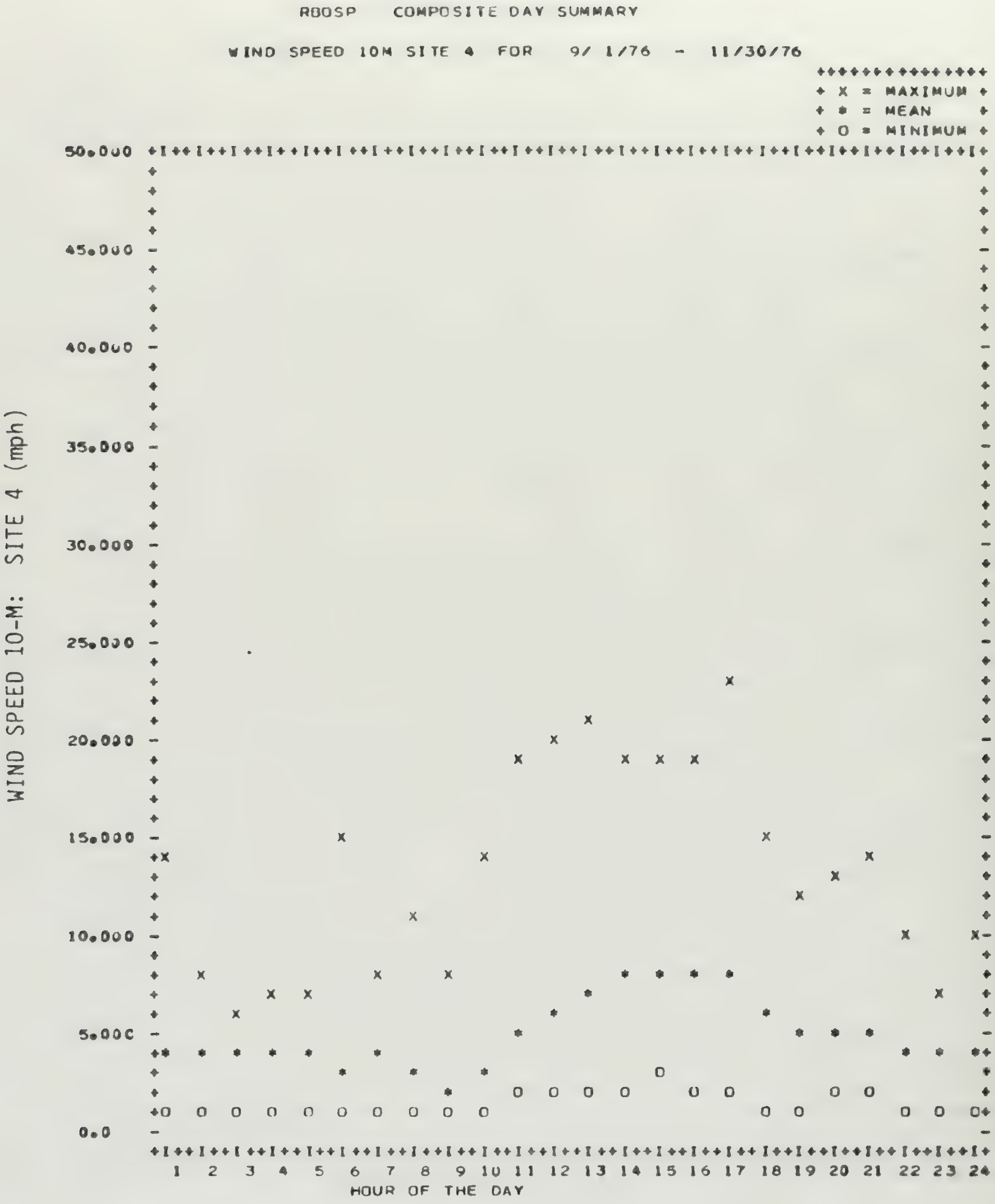

Figure 2.2-6. Wind speed, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 4, RBOSP.

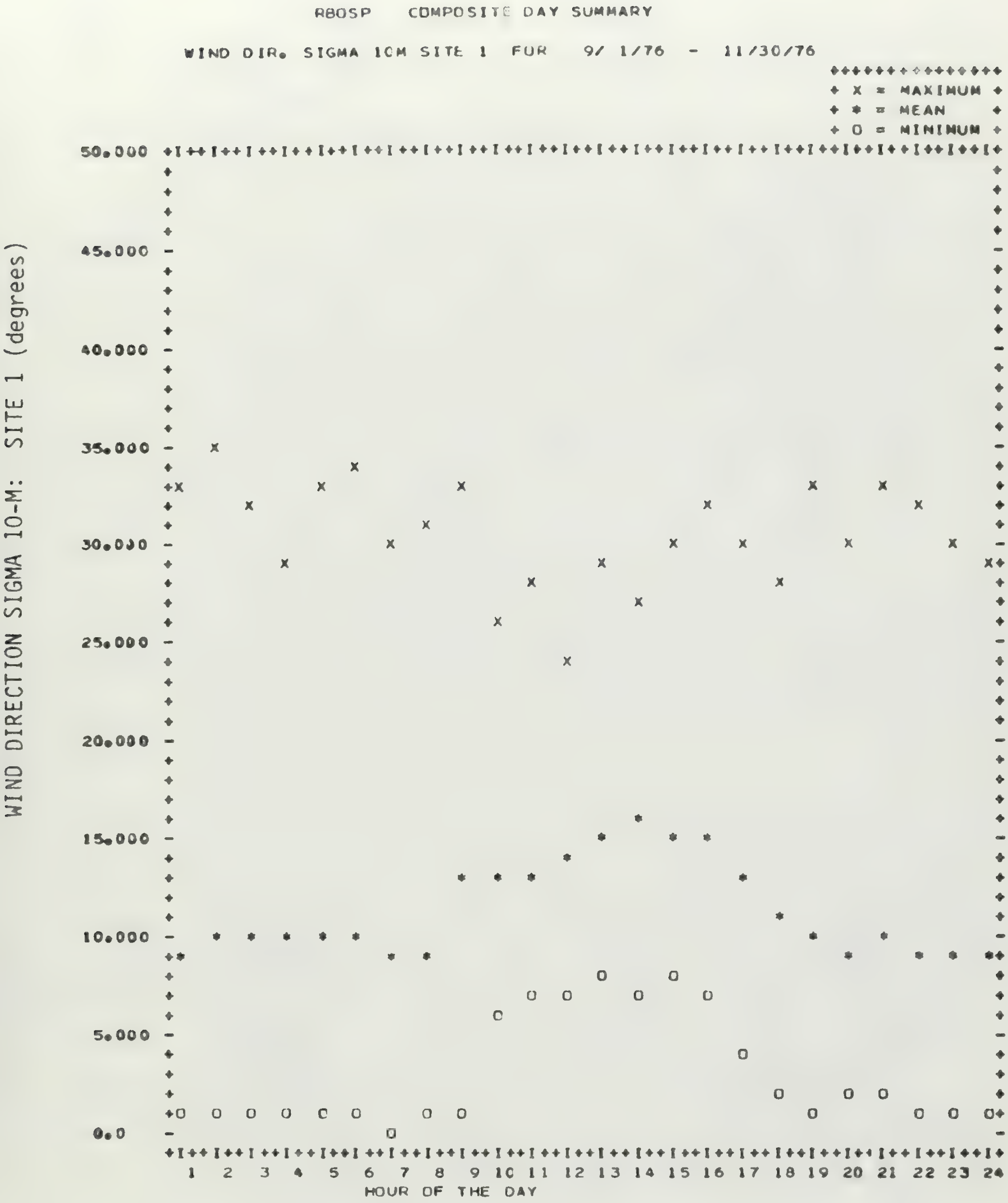

Figure 2.2-7. Wind direction sigma, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 1, RBOSP.

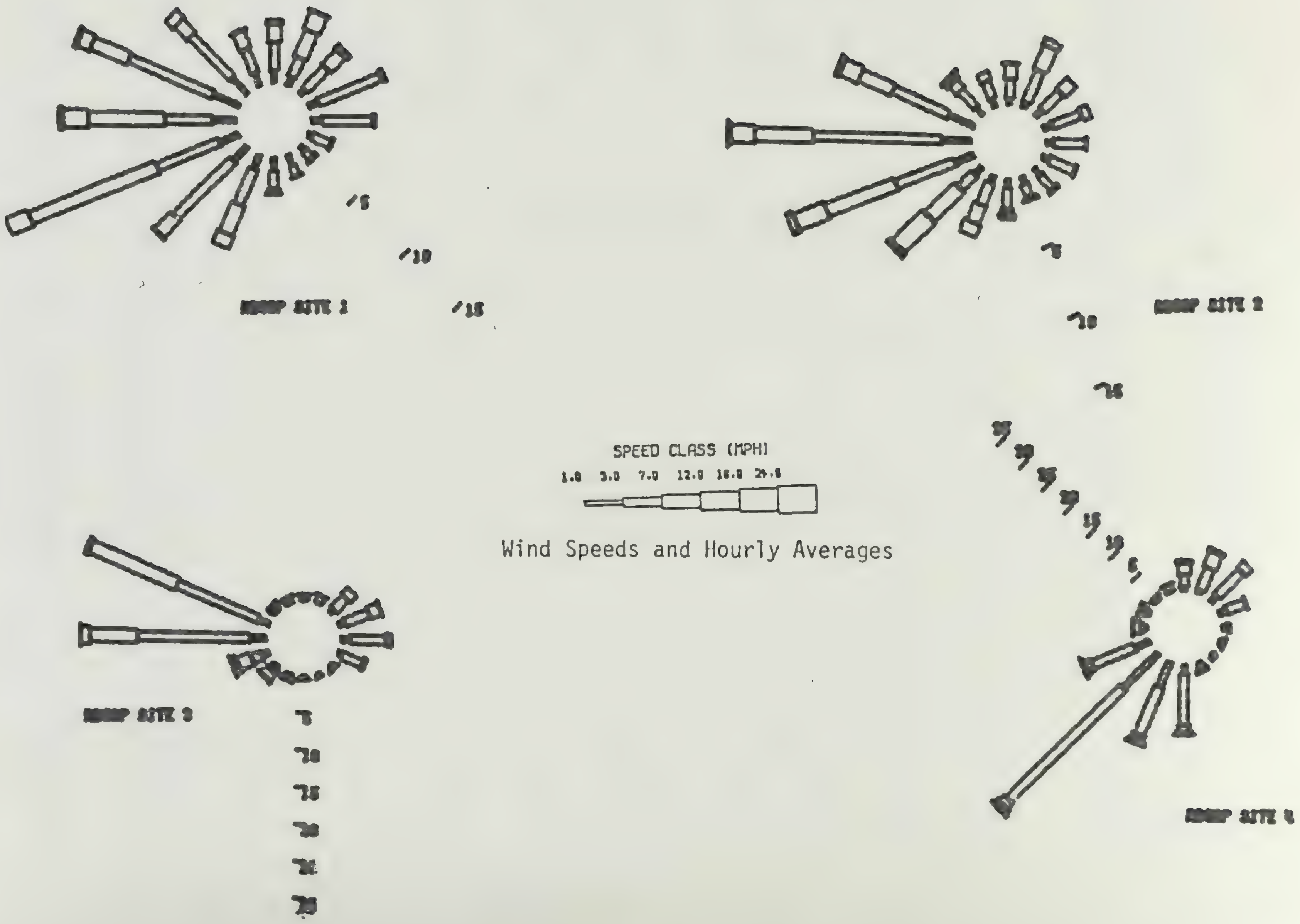

Figure 2.2-8. Wind roses for the 10-m level for Fall 1976 at Sites 1, 2, 3, and 4, RBOSP.

2.2.1.3.2 Air Temperature Data

The minimum, maximum, and mean values of air temperature for each of the four sites and temperature difference at Site 1 as a function of the hour of the day for the summer season are plotted in Figures 2.2-9 through 2.2-14. These figures illustrate the composite day summaries given in Appendix B, Section B.2.

The valley sites (3 and 4) have a much larger diurnal temperature variation than the plateau sites (1 and 2). The intensity of the cold portion of the composite days at Sites 3 and 4, in relation to that at Sites 1 and 2, is much greater. This is probably because of valley drainage flows of cold air. The composite day air temperature data for Sites 3 and 4 indicate that colder air accumulates at Site 4. The elevation difference (200 ft) and the Stake Spring Draw air flow, as well as the Corral Gulch air flow draining into the Yellow Creek Gulch, contribute to this intensity difference.

Although there is a difference in the diurnal variation among all sites, the average temperatures over the season agree well between sites.

2.2.1.3.3 Atmospheric Stability

Atmospheric stability conditions are indicated by temperature difference measurements made between the 10-m and the 60-m level on the main meteorological tower at Site 1. Figure 2.2-14 presents the minimum, maximum, and mean composite day temperature differences as a function of the time of day for the Fall season 1976. These data were compiled from the composite day summaries listed in Appendix B, Section B.2.

These data indicate that mean surface inversion exists during the interval from 2000 hours MST in the evening to 0700 hours MST the following morning. The intensity of this mean surface inversion is relatively weak, ranging from delta temperature values of -0.04 to -0.69. When the break-up of the mean surface inversion occurs, delta temperature values become significantly unstable. The intensities of the most unstable conditions are greater than those of the most stable inversions. Since the intensities of the most unstable conditions are unusual, delta temperature values for these conditions are being reviewed.

The percentage of occurrence of the modified Pasquill stability categories for Fall 1976 and associated mean wind speeds are presented in Table 2.2-5. Stability categories were calculated according to the following criteria:

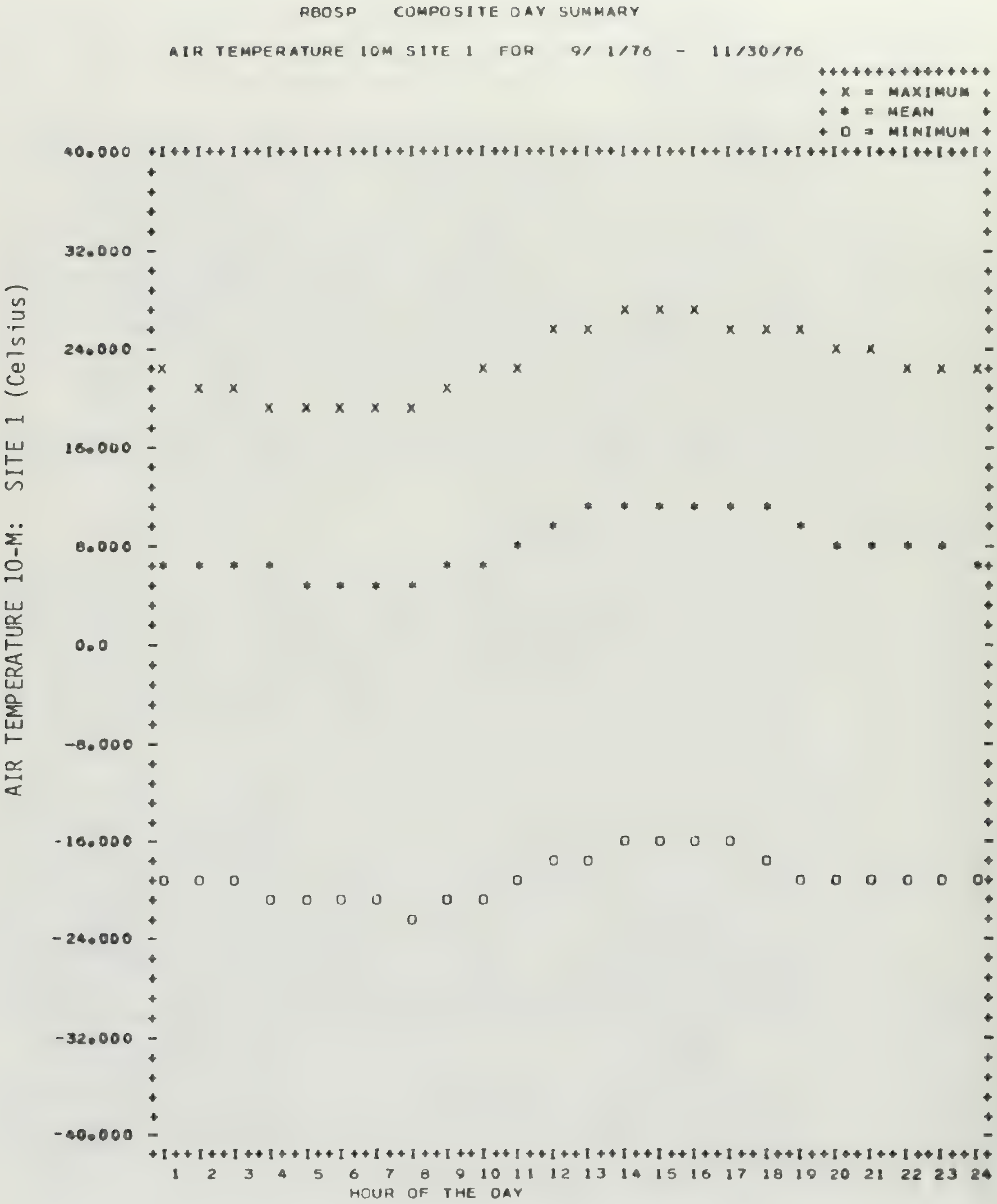

Figure 2.2-9. Air temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 1, RBOSP.

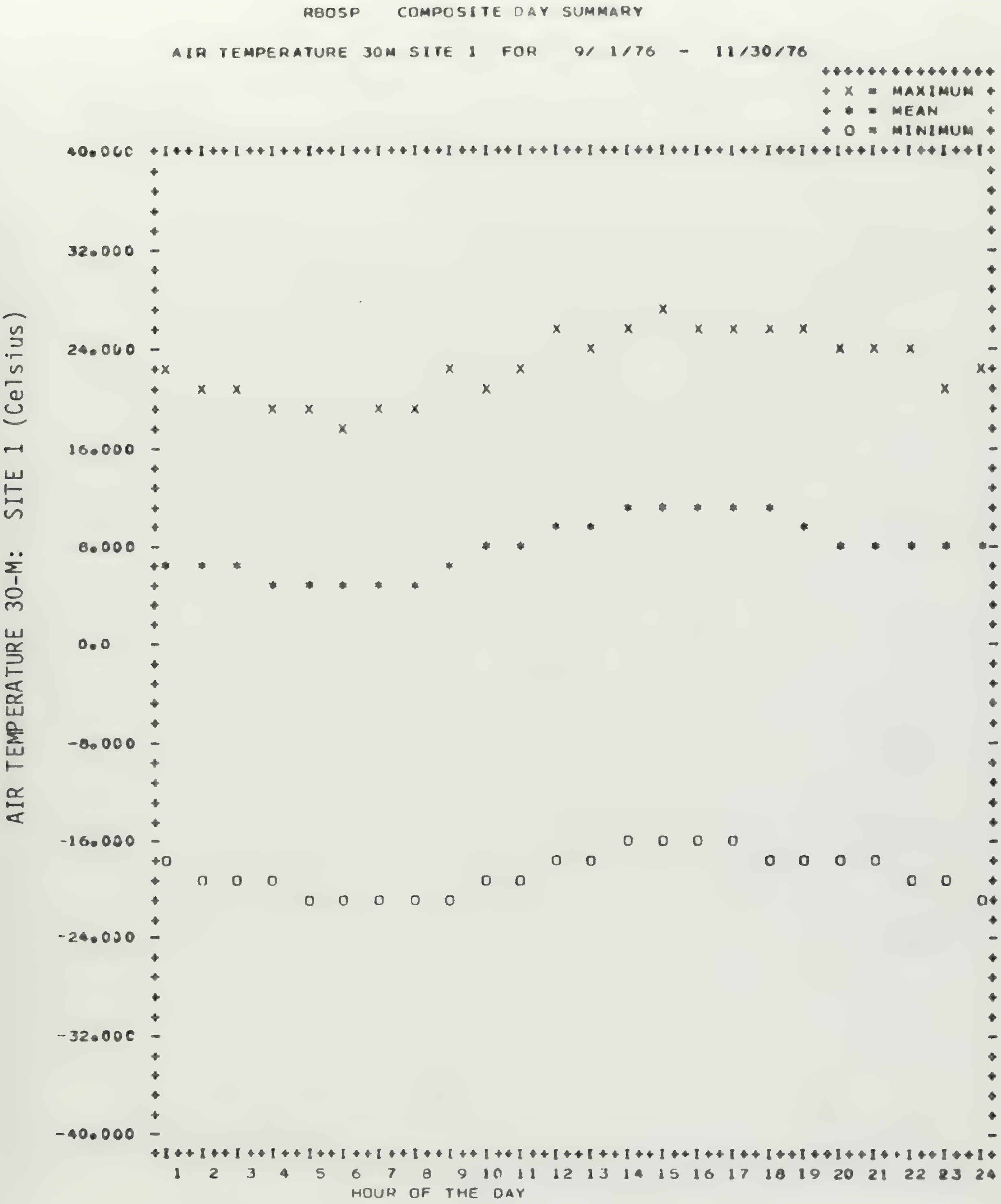

Figure 2.2-10. Air temperature, 30-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 1, RBOSP.

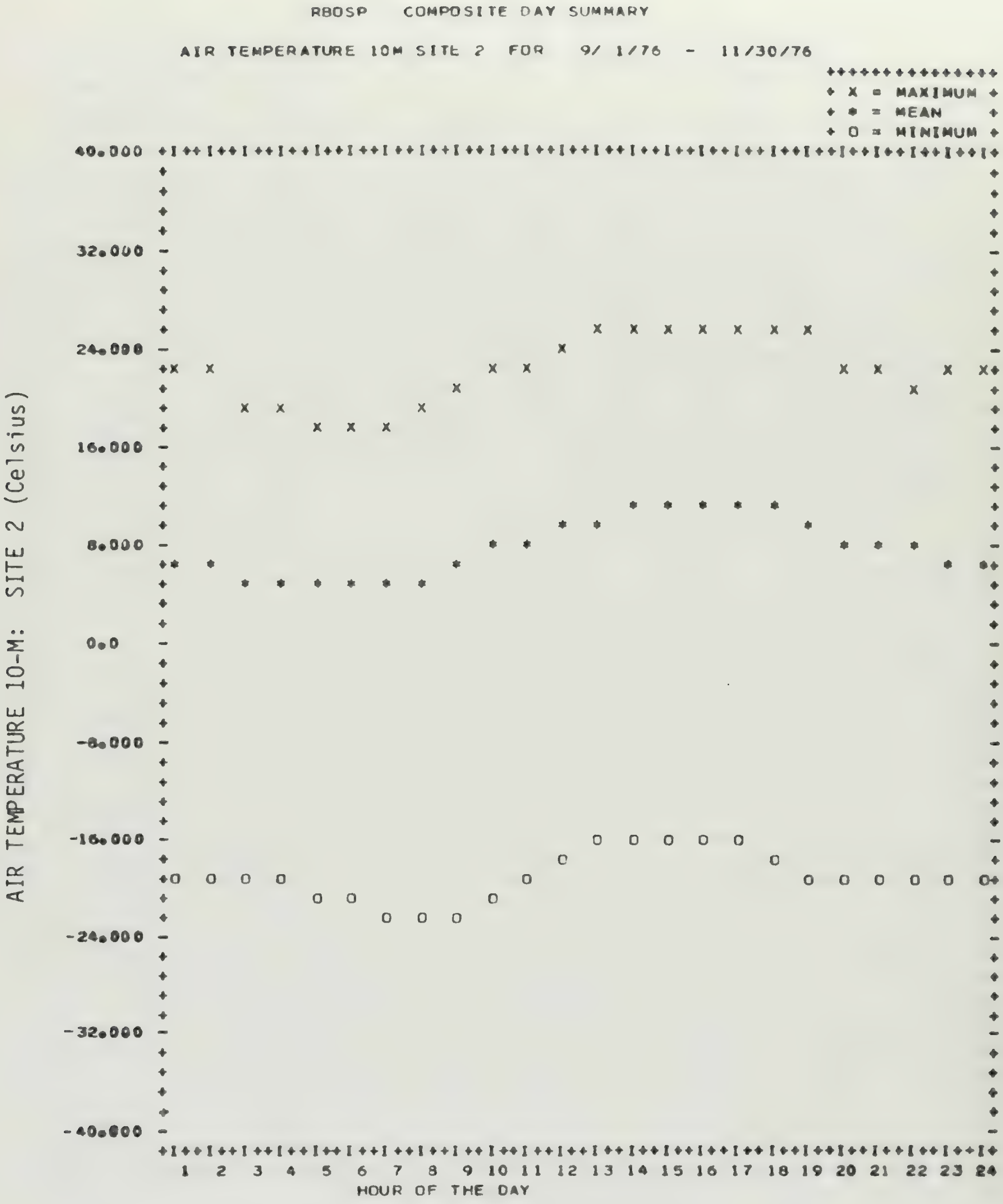

Figure 2.2-11. Air temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 2, RBOSP.

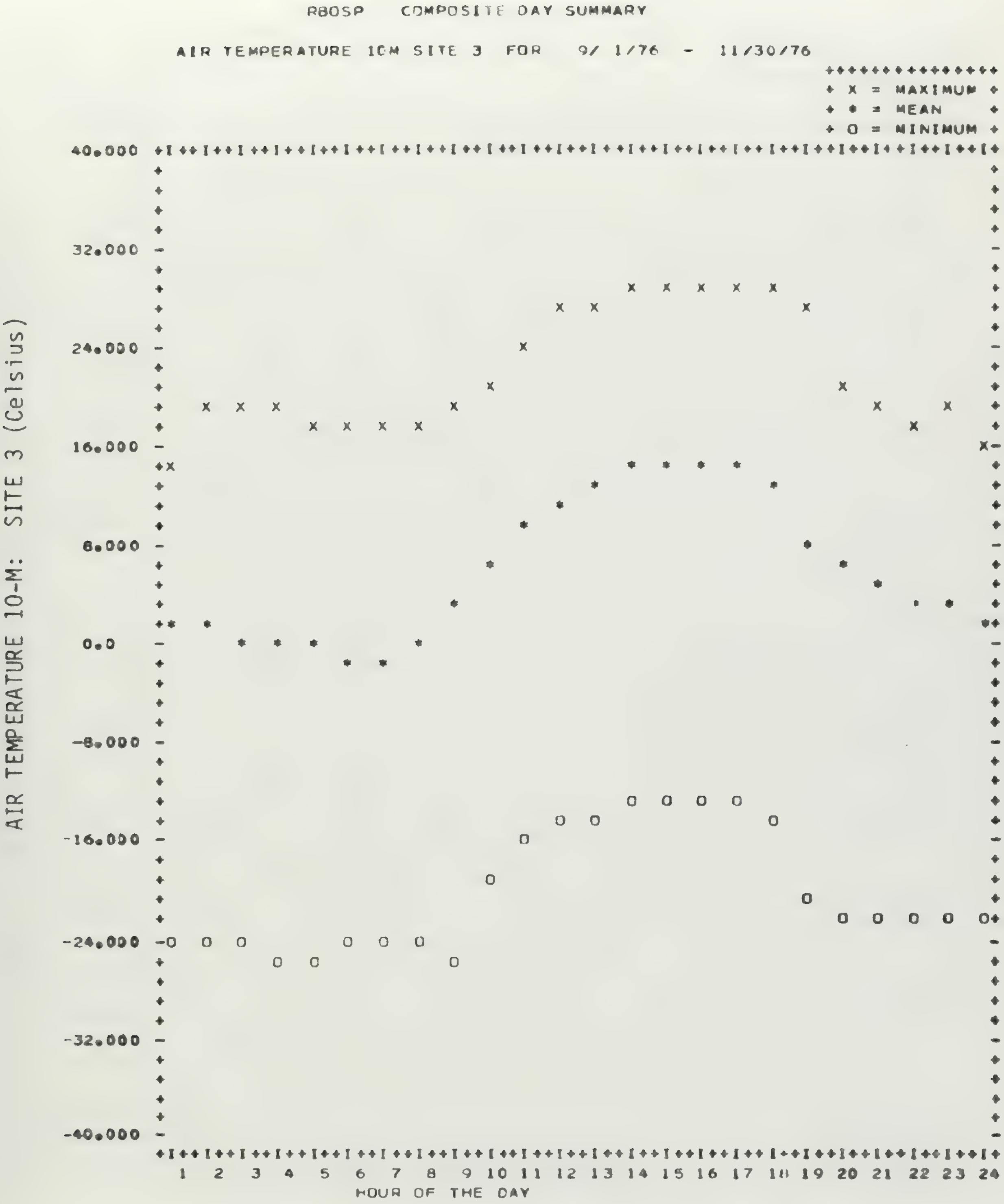

Figure 2.2-12. Air temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 3, RBOSP.

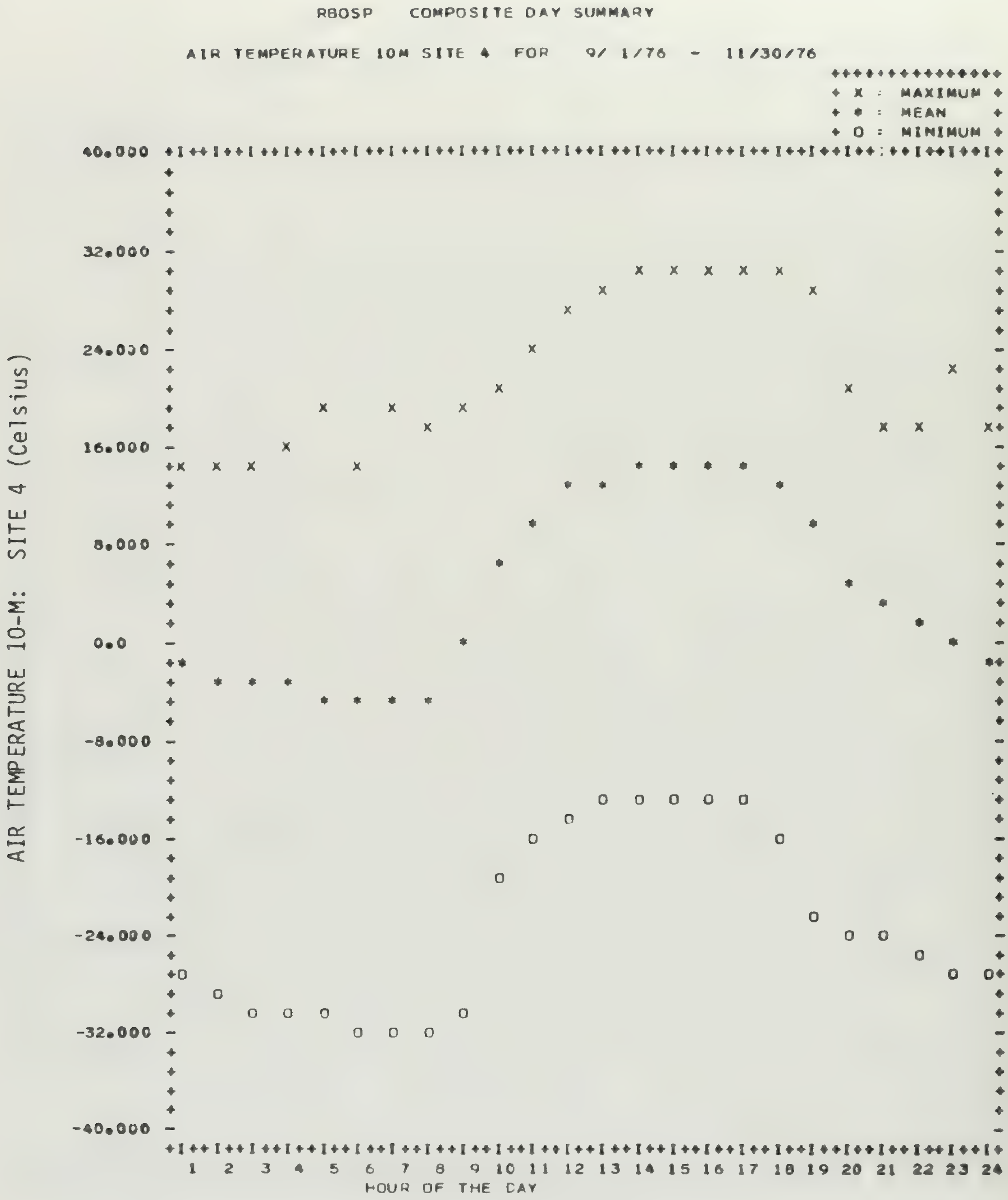

Figure 2.2-13. Air temperature, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 4, RBOSP.

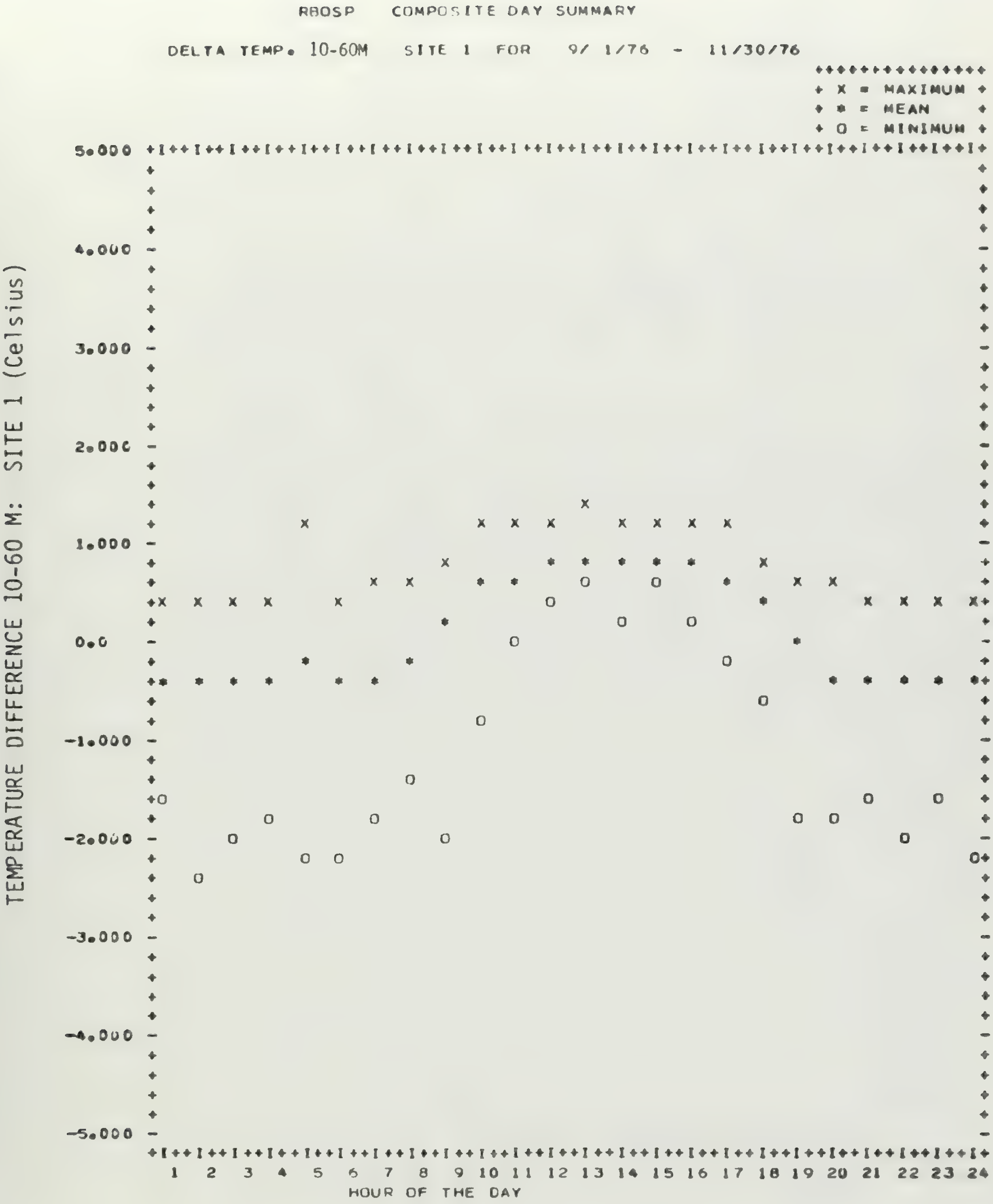

Figure 2.2-14. Temperature difference between 10-m and 60-m levels (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 1, RBOSP.

Table 2.2-5. Percentage of occurrence of the Pasquill stability classes at Site 1. Stability category determined from the temperature differences between the 10- and 60-m levels during Fall 1976, RBOSP.

Stability Classification	Pasquill Categories	Temperature Change with Height (C/100 m)	Percentage of Occurrence	Mean Wind Speed (mph)
Extremely Unstable	A	Less than -1.9	4.25	10.74
Moderately Unstable	B	-1.9 to -1.7	4.40	9.76
Slightly Unstable	C	-1.7 to -1.5	6.52	8.95
Neutral	D	-1.5 to -0.5	27.73	7.19
Slightly Stable	E	-0.5 to 1.5	46.86	5.04
Moderately Stable	F	1.5 to 4.0	10.00	6.49
Extremely Stable	G	Greater than 4.0	0.24	6.59

Stability Index	Temperature change (C) with heights per 100 m*
A	$\Delta T < -1.9$
B	$-1.9 \leq \Delta T < -1.7$
C	$-1.7 \leq \Delta T < -1.5$
D	$-1.5 \leq \Delta T < -0.5$
E	$-0.5 \leq \Delta T < 1.5$
F	$1.5 \leq \Delta T < 4.0$
G	$4.0 \leq \Delta T$

*ΔT is equal to minus two times delta temperature.

A complete listing of the trivariate joint frequency distributions between wind speed, wind direction, and atmospheric stability is presented in Appendix B, Section B.5.

2.2.1.3.4 Relative Humidity

Figure 2.2-15 graphically presents the minimum, maximum, and mean composite day relative humidities as a function of hour of day for Fall 1976. This figure was compiled from the composite day summaries listed in Appendix B, Section B.2. The relative humidity sensor is mounted at the 10-m level at Site 1. There was a significant decrease (6%) in the mean relative humidity at sunrise. The effect is probably due to the surface heating of the air. This composite daily transition period occurs over 2 hours. The decrease may also arise from the increased thermally generated turbulent mixing caused by the reversal of the mean lapse rate from slightly stable to slightly unstable and the increased surface temperature.

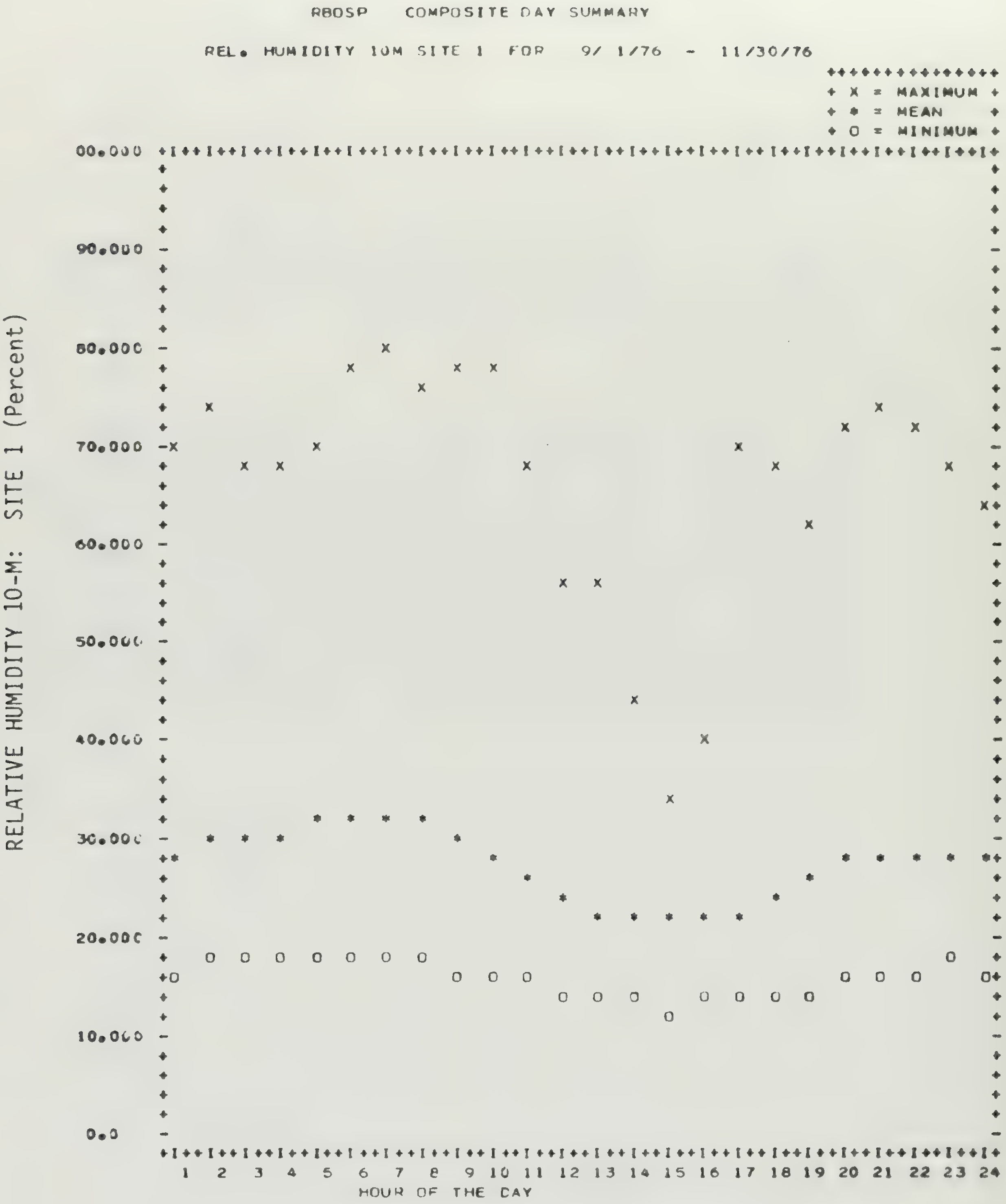

Figure 2.2-15. Relative humidity, 10-m level (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 1, RBOSP.

2.2.3 Miscellaneous

The meteorological parameters grouped into this category are precipitation, evaporation, solar radiation, noise, visibility, snow course, and tracer studies. All these parameters except precipitation, trace studies, and evaporation are measured only at Site 1. Evaporation measurement is made at Site 3 because of water availability. The evaporation rate, snow course measurements, and visibility are not monitored continuously, but are recorded on a routine basis.

2.2.3.1 Precipitation Measurements

The precipitation data summary for the tipping bucket rain gages for Fall 1976 is presented in Table 2.2-6. The total and daily amounts of precipitation are shown for each site. Maximum total precipitation for 1 day was 0.25 inch at Site 3 on 2 October 1976. Site 3 registered the largest total precipitation (0.99 inch) for Fall 1976.

Shielded weighing precipitation gages were installed on Sites 1 and 2 during the summer quarter. Data collection from these gages began on 30 June 1976. A summary of the shielded weighing precipitation gage data for Fall 1976 is presented in Table 2.2-7.

Precipitation data for July and August 1976 have been reevaluated and the results show that measurements obtained from weighing gages are in agreement with measurements obtained from tipping bucket gages. In July and August 1976 there were 24 precipitation events identified in the lease measurement area during which the results from the two types of gages could be compared. The 24 precipitation events at Sites 1 and 2 resulted in 36 correlations of data. The accuracy of the weighing gage recording is estimated as ±1/2% of full scale or ±0.03 inch of precipitation; the tipping bucket recording accuracy is estimated at about ±0.01 inch. Collection efficiency of both gages is similar. In only four cases did the correlation fall outside these accuracy bounds.

Minimal precipitation and instrument problems combined reduced the number of comparable precipitation events during the Fall season. Of the seven comparable events, three correlation values were outside the accuracy specifications.

Table 2.2-6. Precipitation data collected by tipping bucket gage for Fall 1976, RBOSP.

(Values are presented in inches of water)

Date	Site 1 Total	Site 2 Total	Site 3 Total	Site 4 Total
9/1/76 - 10/15/76	-	NA	-	-
9/11/76 - 9/22/76	NA	-	-	-
9/6/76	0.06	NA	0.10	0.12
9/11/76	NA	NA	0.01	-
9/12/76	NA	NA	0.01	-
9/14/76	NA	NA	0.09	0.08
9/22/76	0.13	NA	0.23	0.17
9/24/76	0.04	NA	0.21	0.13
9/25/76	0.06	NA	0.06	0.08
9/27/76	-	NA	0.02	0.01
September Total	0.29	NA	0.73	0.59
10/2/76	0.22	NA	0.25	0.24
10/25/76	-	0.01	-	-
10/26/76	-	-	0.01	
October Total	0.22	0.01	0.26	0.24
11/14/76	-	0.02	-	-
11/26/76	-	-	-	0.02
November Total	0.00	0.02	0.00	0.02
Fall Total	0.51*	0.03*	0.99	0.83

*Partial data only.

NA - Data not available.

Table 2.2-7. Precipitation data collected by weighing gage for Fall 1976, RBOSP

(Values are presented in inches of water)

Date	Site 1	Site 2
September 6 1976	0.09	0.09
11	0.04	-
12	-	0.03
14	0.08	0.10
21	0.06	-
22	0.21	0.12
23	-	0.01
24	0.14	0.21
25	0.11	0.08
27	0.03	0.05
September Total	0.76	0.69
October 2 1976	0.24	NA
3	-	NA
23	NA	-
24	NA	-
25	0.05	-
26	0.05	0.03
October Total	0.34	0.03
November Total	0.00	0.00
Fall Total	1.10	0.72

NA - Data not available

2.2.3.2 Evaporation Measurements

Data for the Fall season are presented in Table 2.2-8. Measurements were terminated for the 1976-1977 baseline data year with the measurement on 27 October 1976. The highest evaporation rate recorded was 0.031 (g/cm^2)/ hour. This occurred during the week ending 4 September 1976. The minimum evaporation rate was 0.000 (g/cm^2)/hour occurring during the measurement period ending 25 September 1976.

2.2.3.3 Solar Radiation Measurements

The minimum, maximum, and mean composite day solar radiation measurements, as a function of hour of the day for Fall 1976, are graphically presented in Figure 2.2-16. This figure was compiled from the composite day summaries listed in Appendix B, Section B.2. Solar radiation data were taken at 1.2 m above ground level at Site 1. The seasonal and monthly minimum, maximum, and mean values of solar radiation are presented in Table 2.2-9.

2.2.3.5 Visibility Measurements

During Fall 1976, sector visibility ranged from <1 to >100 miles for the periods that data were recorded. The <1 mile sector visibility occurred on 25 October 1976 (Tables 2.2-10 through 2.2-12).

2.2.3.6 Tracer Studies

The field data collection portion of the tracer studies was completed during this quarter. The field portion was reviewed while in progress by the EPA, AOSO, RBOSP, and CDM/Limnetics. This assistance rendered by the personnel of these organizations contributed to a successful data collection effort.

2.2.3.7 Snow Course Measurements

Snow course measurements were discontinued 30 April 1976. These measurements will commence in the Winter quarter when the first significant snowfall occurs.

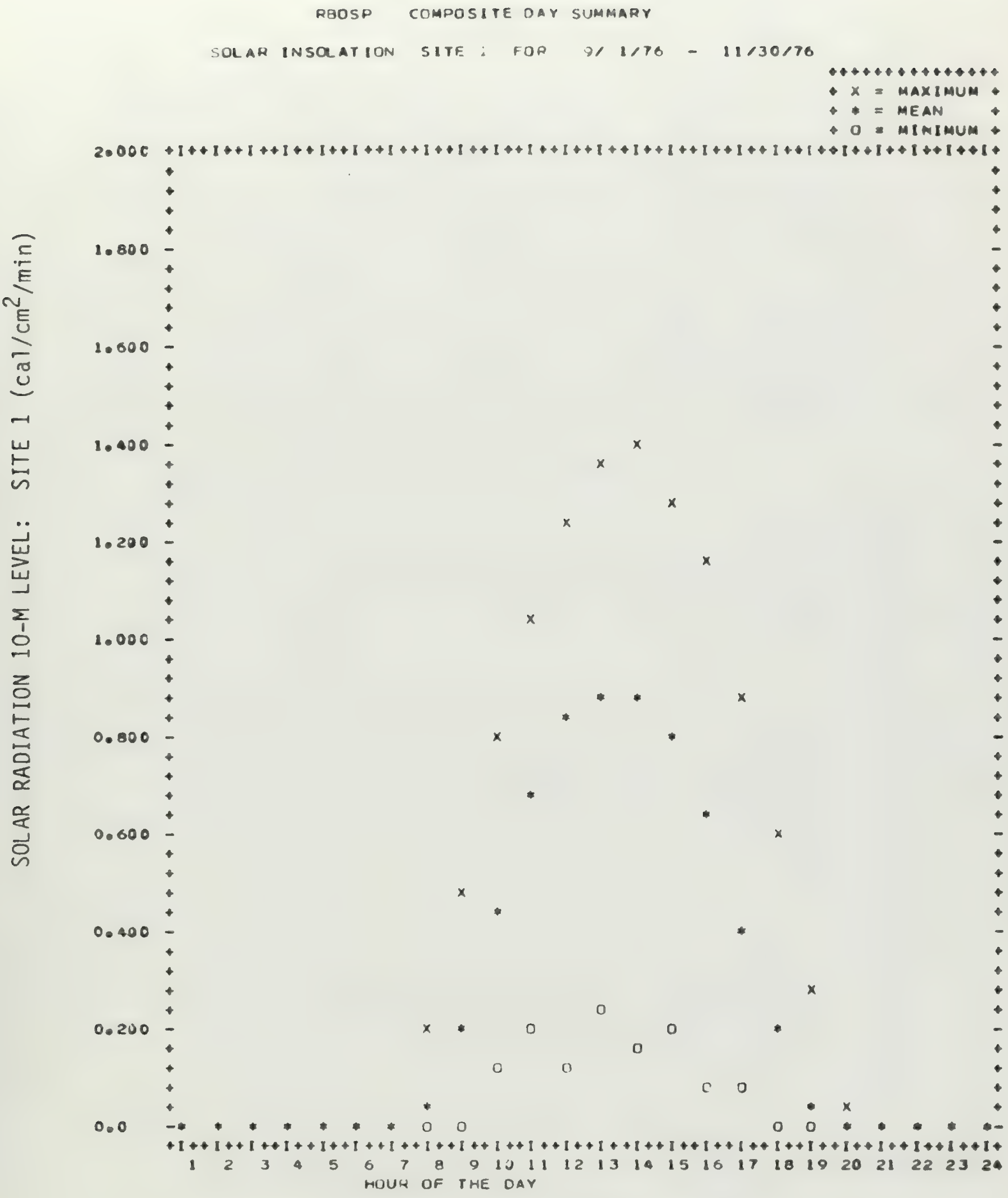

Figure 2.2-16. Solar radiation (minimum, maximum, and mean by hour of the day) for Fall 1976 at Site 1, RBOSP.

Table 2.2-8. Evaporation data summary for Fall 1976, RBOSP.

End Date of Measurement Period	Time of Measurement Hours (MST)	Precipitation Since Last Reading (in.)	Maximum Temperature Since Last Reading (C)	Minimum Temperature Since Last Reading (C)	Water Required To Fill Pan (in.)	Evaporation Rate $((g/cm^2)/hr)$
9/4/76	1025	0	24	16	1.65	0.025
9/11/76	1320	0.10	24	6	1.30	0.018
9/18/76	0900	0	21	7	0.75	0.012
9/25/76	1505	0.45	20	5	0.45	0.000
10/2/76	1223	0.20	15	2	0.90	0.011
10/9/76	1400	0.25	24	1	0.30	0.001
10/16/76	1132	0	15	2	0.90	0.013
10/23/76	1305	0	25	-1	0.72	0.011
10/27/76*	1100	0.01	12	-0.5	0.36	0.009

*Last sample of the season.

Table 2.2-9. Solar radiation, seasonal and monthly summary for Fall 1976; values are in Langleys or cal/cm^3/min, RBOSP.

	September	October	November	Fall 1976
Minimum	0.00	0.00	0.00	0.00
Maximum	1.38	1.17	0.89	1.38
Mean	0.32	0.26	0.19	0.26

Table 2.2-10. Visibility data for September 1976, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 hrs (in.)	Sector Visibility (miles)				Prevailing Visibility (miles)	Estimated Cloud Coverage(%)
			N	E	S	W		
9/1/76	1150	0	80	80	80	80	80	0
9/4/76	0937	0	80	80	80	80	80	0
9/6/76	1255	0	80	80	80	80	80	100
9/10/76	1010	0	80	80	80	80	80	100
9/16/76	1100	0	80	80	80	80	80	40
9/19/76	1400	0	80	80	80	80	80	15
9/22/76	1410	0	80	80	80	80	80	60
9/25/76	1420	0.03	60	60	80	80	80	100
9/28/76	1510	0.07	80	80	80	80	80	5

Table 2.2-11. Visibility data for October 1976, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 hrs (in.)	Sector Visibility (miles)				Prevailing Visibility (miles)	Estimated Cloud Coverage (%)
			N	E	S	W		
10/1/76	1505	0	80	80	80	80	80	75
10/4/76	1325	0	80	80	80	80	80	15
10/7/76	1152	0	80	80	80	80	80	5
10/10/76	1145	0	80	80	80	80	80	5
10/13/76	1052	0	>80	>80	>80	>80	>80	0
10/16/76	1255	0	100	100	100	100	100	1
10/19/76	1206	0	80	80	80	80	80	5
10/22/76	1410	0	80	80	80	80	80	80
10/25/76	1530	0	<1	<1	<1	<1	<1	100
10/28/76	1443	0	80	80	80	80	80	0
10/31/76	1610	0	100	100	100	100	100	0

Table 2.2-12. Visibility data for November 1976, RBOSP.

Date of Observation	Time of Observation Hours (MST)	Precipitation in Prior 24 hrs (in.)	Sector Visibility (miles)				Prevailing Visibility (miles)	Estimated Cloud Coverage(%)
			N	E	S	W		
11/3/76	1530	0	80	80	80	80	80	35
11/6/76	1225	0	>100	>100	>100	>100	>100	10
11/8/76	1220	0	150	150	150	150	150	75
11/12/76	1440	0	80	80	80	80	80	80
11/15/76	1055	0	60	60	60	60	60	25
11/18/76	1445	0	80	80	80	80	80	15
11/21/76	1600	0	80	80	80	80	80	0
11/24/76	1350	0	>100	>100	>100	>100	>100	<1
11/27/76	1400	0	80	80	80	80	80	10
11/30/76	1340	0	100	100	100	100	100	90

2.2 METEOROLOGICAL DATA
(APPENDIX B)

APPENDIX B
2.2 METEOROLOGICAL DATA
TO
QUARTERLY PROGRESS REPORT
FOR
FEDERAL OIL SHALE TRACT C-a
FALL 1976

Prepared for

The Rio Blanco Oil Shale Project

By

EG&G, Environmental Consultants
9025 East Kenyon Avenue, Suite 201
Denver, Colorado 80237

2.2 METEOROLOGICAL DATA

APPENDIX B

METEOROLOGICAL DATA
FALL 1976

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B.6	UPPER AIR DATA LISTINGS	B.6.1-1
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SECTION B.1

METEOROLOGICAL DATA LISTINGS
FALL 1976

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B.1.1

METEOROLOGICAL DATA LISTING FOR SITE 1
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
RH10	Relative Humidity at the 10-m level (percent)
SG10	Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)
WS30	Wind Speed at the 30-m level (mph)
WDR30	Wind Direction at the 30-m level (degrees)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
WDR60	Wind Direction at the 60-m level (degrees)
DT60	Temperature Difference (ΔT) between 10-m and 60-m level (degrees Celsius)
PREC	Precipitaton at ground level (inches of H_2O)
SI	Solar radiation at ground level (Langley)

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	1	9	76	3.5	315.0	13.62	20.13	17.29	3.8	18.8	13.58	6.3	51.9	-0.49	0.00	0.01
1	1	9	76	3.5	334.9	12.99	20.40	27.83	4.4	17.9	12.99	6.6	44.8	-0.39	0.00	0.01
2	1	9	76	3.8	333.8	12.66	20.52	28.28	4.7	23.8	12.73	6.8	49.2	-0.52	0.00	0.01
3	1	9	76	3.6	316.2	12.38	20.72	16.36	3.4	12.7	12.42	4.7	48.4	-0.54	0.00	0.01
4	1	9	76	4.5	310.2	11.80	20.82	6.94	4.6	1.6	12.09	6.2	34.4	-0.79	0.00	0.01
5	1	9	76	2.4	320.4	11.61	21.11	23.06	3.0	20.9	11.16	5.0	50.0	-0.18	0.00	0.01
6	1	9	76	3.3	295.0	11.17	21.08	4.91	2.6	323.5	10.90	2.7	22.9	-0.30	0.00	0.01
7	1	9	76	3.2	165.8	11.33	19.56	4.15	3.1	158.1	11.81	2.4	143.4	0.19	0.00	0.18
8	1	9	76	3.4	76.8	12.99	19.09	17.97	3.9	76.4	13.43	4.0	77.5	0.42	0.00	0.46
9	1	9	76	4.9	80.4	14.43	18.52	14.12	5.7	82.7	14.17	6.4	84.7	0.61	0.00	0.77
10	1	9	76	6.2	56.9	15.75	18.29	16.27	6.4	60.9	15.26	7.0	67.0	0.67	0.00	1.04
11	1	9	76	7.4	29.6	17.63	17.67	21.47	8.0	31.4	16.94	8.3	35.4	0.89	0.00	1.24
12	1	9	76	5.3	131.9	18.36	16.08	22.03	5.7	130.8	17.88	5.4	129.8	0.61	0.00	1.33
13	1	9	76	6.5	52.1	19.62	15.64	17.98	6.1	59.1	18.99	6.8	68.9	0.82	0.00	1.37
14	1	9	76	6.4	64.2	20.75	15.03	19.45	6.4	68.0	20.22	6.6	69.5	0.91	0.00	1.27
15	1	9	76	6.4	95.1	21.33	14.95	17.07	6.7	97.1	20.76	6.4	95.7	0.78	0.00	1.13
16	1	9	76	7.7	33.4	21.66	15.68	21.87	7.6	35.5	21.20	7.6	35.8	0.78	0.00	0.89
17	1	9	76	8.7	40.5	21.71	15.60	10.83	9.4	43.4	21.38	10.0	44.4	0.71	0.00	0.59
18	1	9	76	5.9	40.7	21.14	15.59	7.25	6.5	48.1	21.01	6.9	45.0	0.48	0.00	0.28
19	1	9	76	5.2	303.9	19.05	17.75	8.20	5.5	330.6	19.31	7.0	11.0	-0.69	0.00	0.05
20	1	9	76	6.5	303.5	18.12	18.12	6.60	7.3	328.0	18.80	8.0	359.4	-1.32	0.00	0.01
21	1	9	76	6.9	301.0	18.01	18.16	8.05	7.1	314.4	18.35	8.3	347.2	-0.84	0.00	0.01
22	1	9	76	5.3	296.6	18.23	18.24	6.91	5.2	315.9	18.23	6.2	5.3	-0.81	0.00	0.01
23	1	9	76	4.1	288.6	18.52	18.30	3.64	3.6	307.2	18.23	2.8	356.2	-0.19	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	2	9	76	2.9	237.2	16.76	18.55	4.16	1.9	236.4	17.62	2.1	220.4	0.06	0.00	0.01
1	2	9	76	5.1	241.1	18.91	17.96	1.21	4.1	233.6	18.67	3.6	234.6	0.07	0.00	0.01
2	2	9	76	6.1	230.2	18.91	17.90	2.32	5.4	218.5	18.99	5.2	210.9	-0.20	0.00	0.01
3	2	9	76	11.9	256.6	17.94	18.11	1.12	11.5	256.2	18.63	9.4	256.2	-0.74	0.00	0.01
4	2	9	76	9.7	259.6	18.07	18.15	0.71	8.6	259.8	18.49	8.3	256.8	-0.52	0.00	0.01
5	2	9	76	12.9	253.8	16.41	18.71	1.96	12.6	259.7	17.86	12.3	266.5	-1.54	0.00	0.01
6	2	9	76	11.7	248.7	16.69	18.57	0.39	11.3	244.6	17.47	11.6	248.5	-0.72	0.00	0.01
7	2	9	76	4.7	217.3	16.54	18.54	15.54	5.9	219.6	16.37	8.3	227.4	0.43	0.00	0.17
8	2	9	76	7.6	228.3	18.80	17.60	15.82	8.3	226.7	18.37	9.6	232.8	0.79	0.00	0.47
9	2	9	76	11.2	258.2	20.13	17.18	9.85	12.0	250.2	19.46	13.0	252.4	0.84	0.00	0.79
10	2	9	76	9.8	249.4	21.44	16.55	16.23	11.2	248.9	20.43	13.3	253.3	1.17	0.00	1.05
11	2	9	76	14.0	273.5	21.93	16.32	10.90	15.2	272.5	20.87	16.3	273.4	0.89	0.00	1.25
12	2	9	76	12.7	272.0	23.03	15.74	15.72	13.4	267.2	21.86	15.2	269.5	1.07	0.00	1.34
13	2	9	76	12.2	281.1	23.59	15.51	11.96	14.1	278.8	22.45	15.4	282.5	1.06	0.00	1.38
14	2	9	76	9.4	315.9	23.78	15.34	15.41	16.0	307.8	22.80	16.9	308.7	1.08	0.00	1.29
15	2	9	76	8.3	274.1	24.32	15.04	17.31	9.6	276.3	23.38	10.9	273.9	1.10	0.00	1.14
16	2	9	76	11.0	269.3	24.38	14.92	10.90	11.9	265.4	23.67	13.0	263.5	0.84	0.00	0.90
17	2	9	76	8.1	278.4	24.24	14.98	11.65	9.3	279.0	23.83	10.2	285.1	0.75	0.00	0.60
18	2	9	76	6.8	284.1	23.46	15.21	8.36	8.2	286.2	23.94	8.8	291.4	0.44	0.00	0.28
19	2	9	76	7.8	267.5	22.65	16.54	2.34	7.6	272.9	22.81	7.8	280.0	0.02	0.00	0.05
20	2	9	76	11.0	256.4	19.71	17.42	4.16	13.1	249.2	20.10	15.1	242.4	-0.52	0.00	0.01
21	2	9	76	12.3	246.5	19.39	17.61	4.47	14.4	243.7	19.82	15.8	238.6	-0.57	0.00	0.01
22	2	9	76	13.7	247.7	20.12	17.31	3.24	15.4	245.7	20.95	14.8	245.7	-1.44	0.00	0.01
23	2	9	76	14.4	247.6	19.78	17.43	5.23	17.8	245.7	20.36	19.3	247.2	-1.12	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	3	9	76	14.8	253.9	19.59	17.50	4.89	18.2	251.8	20.34	23.4	250.5	-1.26	0.00	0.01
1	3	9	76	4.7	347.6	17.10	18.16	21.32	6.1	331.7	18.02	10.4	264.6	-1.78	0.00	0.01
2	3	9	76	4.6	244.0	16.78	19.17	9.05	3.9	239.4	16.75	3.8	245.2	-0.37	0.00	0.01
3	3	9	76	2.7	239.5	16.58	19.05	18.57	2.8	267.5	16.20	3.5	290.8	-0.53	0.00	0.01
4	3	9	76	3.9	304.2	16.42	19.10	8.42	4.0	294.4	16.64	4.5	275.5	-0.98	0.00	0.01
5	3	9	76	2.7	290.6	16.78	19.36	6.11	1.7	331.0	15.04	2.8	353.9	-0.49	0.00	0.01
6	3	9	76	4.2	208.8	17.10	19.10	6.38	4.1	186.9	17.07	4.2	163.7	-0.75	0.00	0.01
7	3	9	76	2.4	257.9	17.78	17.99	13.15	1.8	252.5	18.02	2.6	186.4	-0.02	0.00	0.17
8	3	9	76	3.8	86.2	19.70	16.43	14.24	3.6	97.1	19.85	4.2	108.9	0.63	0.00	0.46
9	3	9	76	5.5	77.9	20.82	16.03	11.12	5.7	85.4	20.38	6.4	89.2	0.74	0.00	0.77
10	3	9	76	5.0	62.6	22.67	15.44	16.54	5.1	69.7	22.27	5.5	69.8	0.67	0.00	1.04
11	3	9	76	6.7	69.8	24.10	14.68	15.46	7.1	74.1	23.42	7.4	66.8	0.92	0.00	1.24
12	3	9	76	8.6	123.6	24.58	14.11	16.29	9.1	128.2	23.80	8.8	130.7	0.82	0.00	1.33
13	3	9	76	6.8	70.2	25.16	13.62	18.18	7.5	71.9	24.33	8.1	71.7	0.79	0.00	1.35
14	3	9	76	10.5	299.1	25.62	14.51	16.45	11.6	295.2	24.72	12.4	301.4	1.02	0.00	1.26
15	3	9	76	8.1	309.1	25.98	14.48	20.17	8.7	303.7	25.17	9.2	320.4	0.95	0.00	1.12
16	3	9	76	6.1	316.5	26.11	13.54	27.77	6.8	299.0	25.64	7.3	297.8	0.86	0.00	0.87
17	3	9	76	6.3	325.7	25.78	14.13	20.48	7.1	326.4	25.48	7.7	331.9	0.78	0.00	0.57
18	3	9	76	5.7	324.5	24.86	14.74	8.35	6.8	319.2	24.80	7.3	325.4	0.39	0.00	0.27
19	3	9	76	8.1	291.9	22.76	16.42	3.52	8.3	309.9	23.31	8.5	326.4	-0.53	0.00	0.05
20	3	9	76	6.8	294.0	22.01	16.78	6.15	6.5	314.0	22.33	7.1	351.8	-1.20	0.00	0.01
21	3	9	76	4.8	296.9	22.45	16.73	5.87	4.7	312.1	22.37	4.3	357.1	-0.35	0.00	0.01
22	3	9	76	2.2	216.8	23.06	17.13	4.87	1.4	272.7	21.25	1.0	10.3	-0.27	0.00	0.01
23	3	9	76	4.6	226.0	22.97	16.86	2.62	3.0	205.0	22.32	2.6	191.2	-0.11	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	4	9	76	5.3	273.5	22.91	16.61	1.61	4.6	279.6	22.61	3.9	290.1	0.05	0.00	0.01
1	4	9	76	8.4	297.0	19.20	17.82	6.37	10.0	318.2	20.73	11.1	336.5	-2.37	0.00	0.01
2	4	9	76	6.9	299.3	18.47	18.06	7.34	7.4	323.4	19.07	9.4	3.1	-2.03	0.00	0.01
3	4	9	76	3.1	300.8	18.65	18.27	11.38	2.2	345.8	18.15	5.2	44.1	-0.64	0.00	0.01
4	4	9	76	2.5	219.1	18.79	18.78	3.20	0.9	248.5	17.14	1.8	154.9	-0.09	0.00	0.01
5	4	9	76	2.6	236.0	19.21	18.60	6.25	0.9	238.8	16.74	1.6	238.8	0.18	0.00	0.01
6	4	9	76	3.1	265.5	19.05	18.26	4.05	2.9	288.5	18.82	2.2	297.2	-0.17	0.00	0.01
7	4	9	76	2.1	304.9	19.73	17.07	11.02	0.9	290.8	19.63	0.9	285.0	0.26	0.00	0.16
8	4	9	76	2.7	80.8	20.69	15.83	16.76	2.2	95.3	21.65	2.0	142.0	0.46	0.00	0.45
9	4	9	76	5.0	58.8	21.68	15.83	9.61	4.9	61.5	21.55	4.6	72.8	0.45	0.00	0.76
10	4	9	76	5.5	109.4	23.08	15.16	14.05	6.1	111.9	22.58	6.3	106.9	0.62	0.00	1.03
11	4	9	76	6.5	100.8	24.39	14.38	20.72	7.0	101.0	23.66	7.1	95.9	0.84	0.00	1.23
12	4	9	76	7.9	62.3	25.30	14.27	14.61	8.9	65.1	24.50	10.3	64.8	0.89	0.00	1.32
13	4	9	76	7.6	265.3	26.41	14.00	23.75	7.6	270.5	25.49	8.7	278.9	1.05	0.00	1.35
14	4	9	76	13.1	358.2	26.21	14.53	26.36	14.5	352.2	25.31	14.9	352.0	1.03	0.00	1.27
15	4	9	76	15.3	354.4	26.26	14.75	27.96	16.4	347.1	25.32	16.9	349.5	1.14	0.00	1.11
16	4	9	76	12.0	19.8	25.96	14.64	21.45	12.9	21.7	25.26	13.4	18.6	0.91	0.00	0.86
17	4	9	76	11.1	10.5	25.63	15.02	10.13	11.9	10.1	25.19	12.1	7.0	0.71	0.00	0.56
18	4	9	76	7.6	336.6	25.01	15.03	15.46	8.9	336.1	24.93	10.0	342.5	0.34	0.00	0.25
19	4	9	76	8.2	293.0	22.36	16.60	4.43	8.5	316.5	23.23	9.1	337.1	-1.38	0.00	0.05
20	4	9	76	8.6	291.7	22.27	16.62	3.88	8.2	313.5	22.97	8.3	337.6	-1.30	0.00	0.01
21	4	9	76	7.3	292.6	23.09	16.34	3.08	6.3	314.0	23.60	6.2	324.5	-0.58	0.00	0.01
22	4	9	76	1.9	220.7	22.97	17.13	9.02	1.1	300.8	20.85	1.1	348.0	-0.62	0.00	0.01
23	4	9	76	2.3	172.1	22.43	18.01	6.52	0.9	168.5	21.05	3.2	122.9	-0.19	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	5	9	76	6.4	226.9	21.64	17.04	5.51	6.6	208.1	22.05	7.0	188.8	-0.47	0.00	0.01
1	5	9	76	5.8	234.0	21.08	17.10	5.19	5.8	217.6	21.53	5.3	192.5	-0.68	0.00	0.01
2	5	9	76	5.8	236.3	21.25	17.11	4.86	5.8	221.3	21.42	5.9	203.3	-0.42	0.00	0.01
3	5	9	76	4.1	52.3	18.68	18.41	9.00	4.4	65.4	17.51	4.9	60.9	-0.19	0.00	0.01
4	5	9	76	3.2	309.3	15.61	19.52	8.65	3.8	337.6	16.01	3.6	342.1	-0.95	0.00	0.01
5	5	9	76	5.2	297.6	16.02	19.15	5.02	5.0	318.0	16.13	4.6	356.5	-0.54	0.00	0.01
6	5	9	76	4.2	301.1	16.40	18.96	5.26	3.1	326.1	16.32	3.4	354.4	-0.24	0.00	0.01
7	5	9	76	3.4	365.1	17.44	18.15	6.66	3.4	327.8	17.64	3.6	347.2	-0.14	0.00	0.15
8	5	9	76	3.1	102.2	19.44	16.55	12.68	2.4	153.8	20.04	2.8	243.4	0.45	0.00	0.43
9	5	9	76	5.8	73.9	20.51	16.30	8.38	5.8	76.1	20.23	6.3	78.8	0.45	0.00	0.75
10	5	9	76	4.9	73.3	22.79	15.20	18.53	5.1	76.1	22.51	5.5	80.8	0.61	0.00	1.01
11	5	9	76	4.4	105.9	25.29	13.98	23.56	4.7	99.6	24.92	5.5	87.9	0.72	0.00	1.21
12	5	9	76	3.8	236.4	24.89	14.53	22.20	3.6	242.5	24.64	3.8	240.6	0.59	0.00	0.73
13	5	9	76	4.7	30.3	25.71	14.56	22.29	4.8	25.8	25.24	4.5	57.7	0.64	0.00	0.77
14	5	9	76	4.9	87.3	26.83	12.13	21.62	5.4	86.2	26.46	5.9	90.5	0.83	0.00	1.22
15	5	9	76	5.7	168.8	26.77	13.03	19.74	5.9	178.0	26.34	6.5	188.9	0.95	0.00	0.96
16	5	9	76	6.4	99.0	26.17	14.08	10.48	7.3	105.5	25.76	7.4	108.7	0.69	0.00	0.51
17	5	9	76	3.1	45.1	25.94	14.72	10.57	2.2	56.0	25.55	3.9	60.9	0.53	0.00	0.24
18	5	9	76	3.2	101.7	25.22	15.24	4.48	3.5	92.4	24.91	3.6	89.9	0.26	0.00	0.10
19	5	9	76	3.7	232.7	24.47	16.06	6.15	3.3	218.9	24.18	4.1	207.3	-0.02	0.00	0.02
20	5	9	76	4.3	196.0	23.45	16.25	7.77	4.7	194.7	23.79	5.1	191.8	-0.50	0.00	0.00
21	5	9	76	6.9	225.0	20.98	17.08	16.60	11.1	211.8	21.32	17.1	209.5	-0.65	0.00	0.00
22	5	9	76	5.3	238.6	20.94	17.13	20.82	6.9	223.6	20.92	13.2	224.6	-0.09	0.00	0.00
23	5	9	76	4.5	197.7	19.87	17.81	20.96	6.4	205.5	19.90	10.1	215.8	-0.25	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	6	9	76	6.8	239.6	20.53	17.24	18.80	7.6	224.1	20.43	14.2	226.3	0.17	0.00	0.00
1	6	9	76	7.7	230.5	20.08	17.37	22.09	8.9	225.4	19.95	13.0	224.3	0.28	0.00	0.00
2	6	9	76	8.6	242.8	18.59	18.01	19.32	9.8	225.4	18.47	16.9	227.1	0.25	0.00	0.00
3	6	9	76	9.6	242.8	17.59	18.55	18.15	10.9	231.6	17.46	15.6	229.5	0.30	0.00	0.00
4	6	9	76	8.7	248.7	17.13	18.77	17.39	9.3	227.3	16.96	14.1	225.0	0.35	0.00	0.00
5	6	9	76	10.6	245.0	16.28	19.07	14.61	11.4	231.9	16.13	16.2	226.3	0.37	0.00	0.00
6	6	9	76	9.0	230.6	15.82	19.33	18.52	9.4	221.6	15.67	13.4	227.0	0.36	0.00	0.01
7	6	9	76	8.4	249.5	15.80	19.31	11.39	9.9	244.6	15.63	12.5	243.6	0.43	0.00	0.04
8	6	9	76	6.8	185.0	16.03	19.20	12.34	8.2	194.5	15.66	9.6	202.3	0.62	0.00	0.15
9	6	9	76	5.5	179.4	16.51	18.79	12.85	6.7	185.3	16.14	7.3	194.4	0.69	0.00	0.21
10	6	9	76	8.2	205.0	17.28	18.32	15.19	10.3	206.7	16.79	11.8	213.3	0.84	0.00	0.38
11	6	9	76	11.9	212.8	16.04	19.06	14.75	14.7	215.0	15.44	19.0	224.4	1.04	0.00	0.39
12	6	9	76	10.3	205.1	15.56	19.83	14.27	12.6	200.5	15.14	14.9	212.6	0.76	0.00	0.26
13	6	9	76	11.5	200.7	16.93	18.91	15.68	15.2	202.0	16.44	17.5	210.5	0.81	0.00	0.31
14	6	9	76	13.4	198.5	17.17	18.74	14.17	17.3	196.8	16.45	20.2	206.1	0.82	0.00	0.48
15	6	9	76	11.9	207.8	18.10	17.98	17.04	15.7	201.4	17.29	17.6	215.9	1.02	0.00	0.76
16	6	9	76	11.9	200.6	18.29	17.44	16.12	14.5	202.1	17.44	17.3	214.3	1.17	0.00	0.77
17	6	9	76	11.3	204.8	17.12	18.80	16.14	15.2	205.0	16.63	15.7	216.5	0.76	0.00	0.33
18	6	9	76	16.0	292.3	14.08	27.09	8.89	19.1	288.8	13.66	20.8	291.6	0.66	0.00	0.11
19	6	9	76	15.8	260.1	10.90	71.49	8.65	16.8	256.5	9.84	22.8	256.4	999.00	0.03	0.02
20	6	9	76	10.6	254.0	10.56	73.56	9.03	12.7	249.4	10.46	16.2	254.0	0.29	0.03	0.00
21	6	9	76	11.8	239.1	10.85	67.99	8.37	15.9	238.9	11.03	18.9	246.2	-0.17	0.00	0.00
22	6	9	76	7.0	262.5	10.81	68.41	10.00	7.5	240.6	10.71	10.6	234.1	0.10	0.00	0.00
23	6	9	76	6.8	260.6	11.10	63.19	5.43	9.3	256.6	11.29	10.4	257.0	-0.10	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	7	9	76	11.6	259.8	11.40	61.72	10.62	14.2	262.0	11.47	17.8	265.4	0.16	0.00	0.00
1	7	9	76	7.2	290.6	10.98	67.16	13.92	9.0	281.4	10.97	11.4	277.4	0.18	0.00	0.00
2	7	9	76	3.0	247.9	10.77	67.73	16.53	4.0	261.0	10.69	5.0	282.7	0.30	0.00	0.00
3	7	9	76	4.4	219.8	10.38	68.86	8.13	5.9	237.7	10.39	7.5	256.3	0.08	0.00	0.00
4	7	9	76	3.6	20.5	9.91	69.97	12.93	4.5	22.6	9.92	4.2	5.8	0.11	0.00	0.00
5	7	9	76	3.3	314.5	9.75	70.37	9.40	3.6	336.8	9.73	4.1	352.9	0.04	0.00	0.00
6	7	9	76	4.6	238.7	9.80	68.47	6.93	4.5	260.2	10.26	3.4	291.6	-0.50	0.00	0.00
7	7	9	76	5.7	262.7	10.66	59.78	5.59	6.8	273.4	10.86	7.2	289.5	-0.12	0.00	0.09
8	7	9	76	6.6	296.3	11.98	52.92	10.82	7.3	294.1	11.79	7.6	301.0	0.64	0.00	0.37
9	7	9	76	9.1	261.9	12.40	52.67	11.43	9.9	262.2	12.16	10.9	262.8	0.67	0.00	0.47
10	7	9	76	14.7	260.3	11.45	55.70	8.22	16.6	262.5	10.95	17.8	266.8	0.64	0.00	0.51
11	7	9	76	16.0	281.7	13.07	49.27	9.23	17.8	278.4	12.12	19.0	281.2	0.84	0.00	0.97
12	7	9	76	12.1	287.2	14.03	40.90	10.43	13.0	282.9	13.27	13.5	284.7	0.93	0.00	0.96
13	7	9	76	8.6	263.7	15.06	34.34	14.90	9.3	256.5	14.34	8.6	256.4	0.75	0.00	0.99
14	7	9	76	7.7	259.5	15.66	29.59	13.71	7.9	250.0	15.10	8.8	253.3	0.85	0.00	0.80
15	7	9	76	9.0	28.8	15.58	32.48	15.74	9.8	34.0	15.12	10.0	42.2	0.94	0.00	0.88
16	7	9	76	7.1	100.7	14.66	38.00	9.38	7.5	100.8	14.26	8.3	104.6	0.66	0.00	0.35
17	7	9	76	4.4	126.7	15.14	33.38	16.67	4.7	135.8	14.94	4.9	131.2	0.53	0.00	0.34
18	7	9	76	8.9	33.0	13.03	43.18	7.95	10.1	36.6	12.75	10.8	37.9	0.58	0.00	0.11
19	7	9	76	5.1	309.0	11.69	47.72	9.43	5.8	310.7	11.50	5.8	322.6	0.40	0.00	0.02
20	7	9	76	1.7	265.3	11.33	49.58	11.87	2.0	326.4	10.70	2.3	216.4	0.14	0.00	0.01
21	7	9	76	3.7	180.0	11.13	50.33	5.09	3.8	161.6	11.17	4.2	139.1	-0.34	0.00	0.00
22	7	9	76	3.4	221.1	10.82	51.68	5.79	3.0	194.6	10.68	1.9	163.8	-0.07	0.00	0.00
23	7	9	76	4.9	255.2	11.08	50.42	2.88	3.6	255.9	10.95	2.6	276.6	0.21	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	8	9	76	4.0	205.5	10.53	52.29	6.70	4.2	195.0	10.74	3.5	184.1	-0.39	0.00	0.00
1	8	9	76	5.6	230.2	10.48	52.02	5.27	5.3	215.8	10.41	5.1	197.7	0.05	0.00	0.00
2	8	9	76	3.3	225.5	9.48	53.67	10.64	5.1	262.2	10.09	6.9	277.0	-1.01	0.00	0.01
3	8	9	76	4.6	317.0	8.91	55.28	6.34	4.9	328.0	9.02	3.8	355.4	-0.23	0.00	0.00
4	8	9	76	4.5	329.5	7.88	57.64	21.31	5.4	351.0	7.98	7.2	6.3	-0.08	0.00	0.00
5	8	9	76	2.3	292.6	7.15	69.58	18.90	2.5	26.4	6.85	4.6	44.0	0.08	0.00	0.00
6	8	9	76	3.5	353.2	7.18	58.92	23.86	4.0	19.3	6.97	5.1	31.9	0.18	0.00	0.00
7	8	9	76	3.0	287.3	7.51	49.13	12.14	3.2	305.7	7.68	3.5	334.1	0.43	0.00	0.14
8	8	9	76	5.1	42.5	8.85	26.73	14.93	5.6	43.3	8.89	5.6	38.9	0.43	0.00	0.42
9	8	9	76	4.0	41.4	10.38	22.54	23.39	4.2	57.0	10.43	4.6	54.6	0.54	0.00	0.73
10	8	9	76	6.0	79.9	11.82	21.59	18.99	6.2	85.0	11.58	6.0	80.0	0.66	0.00	1.00
11	8	9	76	6.7	350.6	13.16	20.87	18.52	6.7	354.2	12.49	6.4	7.6	0.67	0.00	1.20
12	8	9	76	7.2	80.1	14.65	19.46	14.33	7.7	73.4	13.87	7.8	64.0	0.86	0.00	1.29
13	8	9	76	8.8	300.6	16.54	18.21	21.31	9.5	306.8	15.72	9.4	307.3	1.00	0.00	1.33
14	8	9	76	9.9	271.8	16.77	18.29	16.57	11.0	271.9	15.82	11.1	276.9	0.94	0.00	1.24
15	8	9	76	12.9	313.2	16.98	18.63	11.80	14.1	303.7	16.05	15.0	307.6	0.98	0.00	1.09
16	8	9	76	9.6	285.6	17.05	18.15	15.76	10.2	282.6	16.42	10.8	282.1	0.87	0.00	0.83
17	8	9	76	10.5	7.9	16.55	18.61	14.82	11.4	11.9	16.09	11.2	17.2	0.76	0.00	0.53
18	8	9	76	10.7	33.9	15.17	19.18	8.34	12.4	42.1	15.02	13.5	42.0	0.48	0.00	0.22
19	8	9	76	5.6	352.9	13.06	20.54	29.83	7.9	20.2	13.46	11.2	25.5	-0.57	0.00	0.04
20	8	9	76	3.3	330.4	12.01	21.27	21.27	4.6	15.0	12.11	8.0	30.4	-0.53	0.00	0.01
21	8	9	76	3.6	315.1	11.81	21.48	20.98	3.8	12.2	11.70	6.1	35.3	-0.30	0.00	0.01
22	8	9	76	2.8	303.9	11.75	21.73	5.67	2.4	329.3	11.19	3.2	49.8	-0.16	0.00	0.01
23	8	9	76	3.5	290.8	11.14	21.80	2.50	2.1	323.8	10.55	2.6	49.1	-0.51	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	9	9	76	5.7	302.8	10.39	21.99	5.79	5.7	320.1	10.59	4.8	7.1	-0.79	0.00	0.01
1	9	9	76	3.9	295.1	10.41	22.20	9.59	3.2	333.2	10.19	4.8	29.6	-0.29	0.00	0.01
2	9	9	76	2.3	301.5	9.88	22.83	4.90	1.0	359.9	8.00	2.4	55.6	-0.06	0.00	0.01
3	9	9	76	1.9	201.9	9.92	23.95	6.34	1.0	174.1	7.37	0.9	113.0	0.02	0.00	0.01
4	9	9	76	2.5	273.0	9.83	23.45	3.98	1.1	306.4	8.39	1.3	3.0	0.09	0.00	0.00
5	9	9	76	1.9	238.7	9.90	23.44	4.81	0.9	231.0	7.57	1.0	172.8	0.08	0.00	0.00
6	9	9	76	4.7	288.8	10.03	22.78	4.00	4.4	296.6	9.90	3.6	309.9	-0.04	0.00	0.00
7	9	9	76	4.0	301.9	10.44	21.96	4.19	3.3	329.2	10.40	2.9	0.9	0.18	0.00	0.12
8	9	9	76	3.8	36.4	11.94	20.41	16.72	3.9	44.1	12.17	3.9	50.7	0.52	0.00	0.43
9	9	9	76	4.3	63.9	12.69	20.02	14.53	4.3	73.1	12.64	4.6	66.9	0.49	0.00	0.66
10	9	9	76	5.6	93.7	13.80	18.98	15.16	6.0	90.6	13.38	6.4	89.6	0.62	0.00	0.91
11	9	9	76	4.5	30.2	15.68	17.82	24.07	4.8	37.6	15.35	5.4	49.2	0.69	0.00	1.17
12	9	9	76	5.9	50.9	17.42	17.27	20.59	6.5	58.4	17.00	7.5	66.2	0.69	0.00	1.15
13	9	9	76	6.7	64.1	19.36	16.37	21.24	6.9	59.3	18.91	6.5	54.6	0.69	0.00	1.11
14	9	9	76	8.3	344.8	20.36	16.66	29.34	8.4	335.4	19.39	8.4	338.1	1.15	0.00	1.18
15	9	9	76	8.5	292.0	20.71	16.42	14.48	9.1	287.3	20.00	9.3	290.1	0.95	0.00	1.04
16	9	9	76	9.2	330.5	20.47	17.07	19.85	9.6	327.1	19.83	10.4	330.0	0.98	0.00	0.67
17	9	9	76	8.9	328.7	19.72	17.54	13.57	9.3	325.9	19.28	9.8	332.3	0.68	0.00	0.36
18	9	9	76	5.7	357.8	18.59	18.33	32.86	6.6	352.4	18.43	7.0	356.7	0.35	0.00	0.14
19	9	9	76	5.6	289.5	17.23	19.28	5.17	5.1	312.8	17.53	5.3	342.5	-0.56	0.00	0.02
20	9	9	76	5.6	221.9	16.95	19.47	4.86	5.3	208.2	17.28	4.9	203.7	-0.47	0.00	0.01
21	9	9	76	5.9	224.0	15.86	19.99	5.78	7.3	199.0	16.43	8.0	188.5	-0.78	0.00	0.00
22	9	9	76	6.1	231.9	16.04	20.25	7.88	7.6	215.1	16.57	7.9	205.2	-0.69	0.00	0.00
23	9	9	76	6.1	238.1	14.81	25.98	16.50	8.7	221.6	14.86	15.3	226.4	-0.22	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	10	9	76	6.8	241.7	14.27	31.90	15.02	8.4	234.3	14.26	13.4	226.1	0.03	0.00	0.00
1	10	9	76	11.2	259.1	14.13	34.56	7.39	13.1	253.4	14.16	15.5	251.8	0.18	0.00	0.00
2	10	9	76	9.0	252.0	14.26	35.49	15.28	10.0	236.0	14.17	16.1	233.0	0.25	0.00	0.00
3	10	9	76	9.1	251.4	13.46	37.56	8.65	11.2	247.8	13.47	14.8	249.4	0.14	0.00	0.00
4	10	9	76	8.5	251.2	12.97	34.92	8.34	10.2	249.8	12.96	12.6	250.0	0.20	0.00	0.00
5	10	9	76	6.9	252.1	12.79	35.42	13.26	9.5	254.0	12.91	12.8	256.6	-0.05	0.00	0.00
6	10	9	76	3.4	167.6	12.98	29.82	22.15	3.8	180.8	12.73	4.4	172.3	0.19	0.00	0.00
7	10	9	76	5.7	225.9	13.73	33.32	14.99	6.8	232.6	13.65	8.0	240.4	0.27	0.00	0.07
8	10	9	76	5.2	226.6	14.75	32.10	20.61	6.4	230.3	14.47	7.6	249.3	0.58	0.00	0.16
9	10	9	76	5.8	223.5	15.47	31.20	17.43	7.2	222.7	15.09	8.3	231.8	0.76	0.00	0.27
10	10	9	76	6.0	184.5	15.47	32.05	11.69	6.8	196.4	15.05	7.0	209.0	0.71	0.00	0.31
11	10	9	76	7.0	202.2	16.68	28.57	16.33	7.9	204.9	16.25	8.3	218.8	0.81	0.00	0.58
12	10	9	76	7.2	199.7	17.18	26.86	16.90	8.6	196.9	16.63	9.4	206.2	0.95	0.00	0.63
13	10	9	76	9.2	183.1	17.47	27.37	15.47	11.1	187.8	16.68	11.5	195.3	1.17	0.00	0.75
14	10	9	76	9.7	207.4	17.86	20.33	15.92	11.6	203.4	17.14	12.4	214.3	1.07	0.00	0.63
15	10	9	76	11.7	208.6	18.10	21.66	17.25	14.0	208.0	17.24	16.4	218.4	1.19	0.00	0.82
16	10	9	76	10.9	235.1	18.25	25.61	14.35	11.9	236.9	17.46	12.9	238.6	1.09	0.00	0.86
17	10	9	76	10.5	211.7	17.11	20.94	12.20	12.6	210.3	16.66	15.4	219.9	0.84	0.00	0.36
18	10	9	76	8.6	222.7	15.78	29.72	14.32	11.3	219.0	15.55	17.2	227.9	0.56	0.00	0.11
19	10	9	76	6.7	227.6	14.32	31.83	17.72	8.9	218.3	14.18	15.4	227.5	0.32	0.00	0.02
20	10	9	76	6.5	237.7	13.98	33.56	15.64	8.2	226.9	13.86	13.2	230.2	0.22	0.00	0.00
21	10	9	76	5.6	245.4	14.17	33.31	14.84	6.4	234.6	14.01	9.3	224.7	0.30	0.00	0.00
22	10	9	76	7.1	205.6	14.12	32.63	14.13	8.4	212.6	14.01	13.7	224.3	0.24	0.00	0.00
23	10	9	76	5.4	190.1	14.24	34.38	22.50	8.3	208.0	14.14	11.0	219.0	0.30	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	11	9	76	2.9	231.3	13.96	34.04	22.33	3.6	252.2	13.77	5.6	224.7	0.23	0.00	0.00
1	11	9	76	3.0	79.7	13.51	37.81	26.07	3.4	174.0	13.24	6.7	226.4	0.08	0.00	0.00
2	11	9	76	6.5	197.4	13.81	34.75	16.52	8.9	206.1	13.76	12.8	218.3	0.20	999.00	0.00
3	11	9	76	5.7	180.9	13.92	34.32	19.23	8.7	184.9	13.89	9.5	195.1	0.18	999.00	0.00
4	11	9	76	5.4	173.6	13.02	42.62	21.79	5.6	183.9	13.20	11.7	202.7	-0.20	999.00	0.00
5	11	9	76	7.2	189.7	13.33	38.43	17.80	9.5	199.9	13.33	13.1	214.1	0.11	999.00	0.00
6	11	9	76	7.0	195.0	12.86	42.41	14.12	9.7	200.6	12.97	12.6	211.9	-0.05	999.00	0.00
7	11	9	76	6.8	197.1	13.48	37.55	14.07	9.4	205.5	13.42	12.2	217.2	0.22	999.00	0.04
8	11	9	76	13.7	189.9	15.26	32.71	14.78	16.3	198.7	14.69	18.8	210.5	0.79	999.00	0.41
9	11	9	76	12.9	204.2	16.70	34.47	15.49	16.9	210.2	15.80	20.5	215.6	1.13	999.00	0.71
10	11	9	76	13.0	205.3	17.80	32.38	16.96	17.1	200.1	16.68	20.4	214.4	1.18	999.00	0.95
11	11	9	76	14.4	216.8	18.08	28.12	18.65	17.5	217.1	17.25	20.9	227.3	1.00	999.00	0.85
12	11	9	76	16.4	195.4	19.29	22.65	14.74	20.8	196.7	18.18	22.9	218.0	1.02	999.00	1.12
13	11	9	76	14.2	209.7	20.57	18.84	16.21	18.3	209.7	19.37	21.2	226.1	1.18	999.00	1.24
14	11	9	76	9.6	220.0	19.99	18.04	15.81	10.6	228.9	19.24	12.1	232.3	1.08	999.00	0.91
15	11	9	76	12.6	199.7	19.28	17.60	12.78	15.3	205.1	18.66	18.3	214.3	0.91	999.00	0.57
16	11	9	76	14.8	254.4	11.65	70.52	10.62	15.9	243.5	11.40	20.8	240.8	0.74	999.00	0.14
17	11	9	76	12.8	265.8	11.68	67.46	8.87	15.2	261.6	11.67	18.5	267.5	0.33	999.00	0.08
18	11	9	76	6.9	190.2	12.13	61.29	11.17	9.3	192.8	12.27	10.7	205.6	-0.18	999.00	0.06
19	11	9	76	5.4	259.9	12.10	60.56	3.60	4.3	259.1	11.88	3.9	234.0	0.10	999.00	0.01
20	11	9	76	3.8	240.6	11.29	60.86	17.69	5.4	222.9	11.49	10.3	219.5	-0.47	999.00	0.01
21	11	9	76	4.4	179.5	11.21	61.25	10.75	6.5	181.9	11.48	7.7	176.5	-0.31	999.00	0.00
22	11	9	76	10.4	194.5	11.68	59.85	9.59	14.4	196.7	12.00	16.4	200.2	-0.27	999.00	0.00
23	11	9	76	7.3	259.8	11.77	58.97	8.07	8.9	247.4	12.06	9.8	233.9	-0.36	999.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	12	9	76	18.5	268.8	10.28	70.50	7.34	21.4	266.5	9.50	24.5	272.4	-1.35	999.00	0.00
1	12	9	76	7.8	279.2	9.39	74.41	4.56	10.1	282.7	9.50	11.6	290.6	-0.22	999.00	0.00
2	12	9	76	6.3	248.3	9.92	64.52	1.53	5.9	237.1	10.09	5.5	234.1	-0.14	999.00	0.00
3	12	9	76	5.1	259.2	10.20	63.12	3.80	4.9	242.6	10.10	5.1	223.0	0.02	999.00	0.00
4	12	9	76	7.0	275.8	9.72	62.40	6.36	8.0	260.8	9.77	9.2	246.7	0.02	999.00	0.00
5	12	9	76	7.9	246.6	9.65	60.79	3.43	9.7	250.4	10.32	10.6	251.3	-0.73	999.00	0.00
6	12	9	76	8.9	261.1	9.17	62.29	1.27	10.7	258.6	9.93	12.5	260.2	-0.74	999.00	0.00
7	12	9	76	10.2	255.9	9.68	63.63	5.06	13.2	256.2	10.08	14.6	261.5	-0.53	999.00	0.10
8	12	9	76	6.2	260.9	11.13	59.44	8.14	6.4	251.2	10.97	6.9	245.9	0.48	999.00	0.32
9	12	9	76	9.3	256.8	12.29	52.30	10.04	10.1	257.1	11.76	10.0	253.8	0.77	999.00	0.74
10	12	9	76	8.3	295.3	13.21	46.00	13.82	9.4	287.1	12.46	10.2	288.1	0.93	999.00	0.93
11	12	9	76	11.8	298.1	14.18	40.36	10.59	12.9	294.5	13.25	13.5	297.5	1.08	999.00	1.02
12	12	9	76	13.9	290.9	14.31	40.26	8.77	15.3	287.5	13.36	16.2	290.3	0.91	999.00	1.17
13	12	9	76	12.3	295.8	15.24	36.12	10.76	13.6	294.4	14.39	14.7	298.5	0.88	999.00	1.02
14	12	9	76	10.3	300.1	16.05	32.11	16.92	11.8	297.9	15.18	12.4	301.0	1.04	999.00	0.93
15	12	9	76	5.9	338.0	16.06	30.92	30.65	6.6	324.7	15.74	7.4	325.0	0.77	999.00	0.53
16	12	9	76	11.7	20.5	14.71	34.44	7.04	12.7	22.1	14.38	13.3	18.1	0.62	999.00	0.19
17	12	9	76	3.5	83.2	15.30	28.59	15.16	3.6	81.6	15.17	3.7	83.3	0.59	999.00	0.37
18	12	9	76	2.7	135.1	15.12	27.82	6.33	3.1	129.5	15.03	3.1	120.0	0.31	999.00	0.14
19	12	9	76	5.9	277.3	12.55	39.02	8.37	6.0	286.0	12.52	6.5	301.0	0.21	999.00	0.02
20	12	9	76	3.6	230.6	12.83	41.34	9.67	3.8	264.6	12.91	2.1	291.0	-0.39	999.00	0.01
21	12	9	76	2.8	226.8	13.52	40.98	6.03	2.4	202.6	12.98	2.7	180.6	0.11	999.00	0.00
22	12	9	76	1.8	199.3	12.92	42.76	4.66	2.4	184.9	12.55	3.9	167.1	-0.36	999.00	0.00
23	12	9	76	3.8	226.0	13.05	40.51	4.55	3.3	202.4	12.77	3.2	171.6	-0.09	999.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	13	9	76	1.8	308.2	12.39	43.13	6.23	1.1	333.4	11.27	1.3	3.2	-0.30	999.00	0.00
1	13	9	76	1.4	169.2	11.76	45.54	6.23	1.0	65.0	10.37	2.9	66.0	-0.24	999.00	0.01
2	13	9	76	2.0	342.8	9.39	44.15	26.42	2.3	29.1	8.94	4.0	88.1	-0.28	999.00	0.00
3	13	9	76	2.5	309.5	9.32	47.61	5.16	1.6	282.2	8.02	1.8	49.2	-0.04	999.00	0.00
4	13	9	76	3.6	266.1	10.03	49.75	6.58	3.3	289.0	9.81	2.4	310.2	-0.06	999.00	0.00
5	13	9	76	2.4	233.0	10.39	50.74	7.77	1.8	266.8	9.45	1.6	221.6	0.19	999.00	0.00
6	13	9	76	2.8	277.2	10.58	46.72	6.81	2.1	271.0	9.88	1.2	193.1	0.04	999.00	0.00
7	13	9	76	1.8	266.3	10.92	49.02	2.70	1.5	266.0	10.23	1.5	247.0	0.16	999.00	0.06
8	13	9	76	2.1	74.0	10.82	46.66	15.96	1.3	359.8	11.24	1.9	308.2	0.00	999.00	0.26
9	13	9	76	3.9	78.1	13.08	38.18	15.63	3.9	78.0	13.28	4.0	82.6	0.47	999.00	0.68
10	13	9	76	5.7	71.3	14.82	32.21	16.20	6.2	77.8	14.45	6.7	79.5	0.70	999.00	0.95
11	13	9	76	4.0	21.9	16.37	25.64	21.20	3.4	34.2	16.42	3.8	49.6	0.64	999.00	1.07
12	13	9	76	4.8	90.1	17.47	21.76	18.42	4.4	93.1	17.25	4.8	101.3	0.64	999.00	0.90
13	13	9	76	7.5	338.1	18.48	22.13	25.79	7.9	336.4	17.62	7.8	336.1	0.96	999.00	0.91
14	13	9	76	7.1	320.6	18.93	21.15	18.02	7.4	312.2	18.22	7.1	326.2	0.87	999.00	0.90
15	13	9	76	8.1	345.2	18.61	21.64	20.46	8.7	345.2	18.13	9.0	348.0	0.70	999.00	0.54
16	13	9	76	6.2	9.2	19.13	20.62	26.11	6.3	15.2	18.83	6.7	14.5	0.64	999.00	0.36
17	13	9	76	6.5	10.3	19.27	20.37	20.35	6.9	8.4	18.97	7.1	7.3	0.59	999.00	0.28
18	13	9	76	14.3	311.3	17.52	22.45	6.80	17.0	305.8	17.40	18.6	310.7	0.38	999.00	0.11
19	13	9	76	16.6	294.0	14.50	33.66	7.19	19.3	289.8	14.43	21.5	294.9	0.30	999.00	0.02
20	13	9	76	15.5	274.7	13.53	37.66	6.82	18.5	273.4	13.55	22.0	280.1	0.16	999.00	0.01
21	13	9	76	14.2	296.7	13.39	35.04	7.00	17.5	296.2	13.53	20.7	301.5	-0.03	999.00	0.00
22	13	9	76	13.3	306.1	13.70	33.02	7.64	16.6	305.0	13.73	20.1	309.3	0.14	999.00	0.00
23	13	9	76	13.9	303.6	12.94	35.37	7.23	17.3	301.3	13.03	19.9	305.2	0.08	999.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR ++	DY ++	MO ++	YR ++	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	14	9	76	12.6	298.5	12.65	36.96	7.87	16.2	298.1	12.86	19.5	305.5	-0.18	999.00	0.00
1	14	9	76	15.4	300.9	11.59	41.79	8.06	18.7	296.6	11.58	22.9	298.8	0.19	999.00	0.00
2	14	9	76	15.7	319.7	10.55	49.17	8.34	19.5	314.9	10.61	21.9	322.3	0.08	999.00	0.00
3	14	9	76	3.9	114.3	10.16	50.64	6.22	5.6	114.7	10.26	6.7	117.4	-0.11	999.00	0.00
4	14	9	76	2.7	289.0	9.22	47.05	14.83	2.1	82.0	8.74	2.4	113.3	-0.27	999.00	0.00
5	14	9	76	4.4	189.0	8.43	56.35	7.57	6.1	187.3	8.85	7.4	175.5	-0.52	999.00	0.00
6	14	9	76	4.7	228.7	9.56	58.31	7.12	5.9	213.9	9.21	6.4	199.2	-0.15	999.00	0.00
7	14	9	76	5.7	228.9	9.82	55.78	4.95	5.2	209.6	10.07	4.8	182.7	-0.13	999.00	0.03
8	14	9	76	4.8	297.2	11.21	51.84	9.55	4.7	297.0	11.05	4.5	310.7	0.32	999.00	0.26
9	14	9	76	8.0	109.6	10.13	57.19	6.45	10.1	105.4	10.28	10.7	106.9	0.00	999.00	0.14
10	14	9	76	5.4	122.2	10.17	54.52	11.05	5.8	123.8	9.98	6.1	118.9	0.51	999.00	0.32
11	14	9	76	8.5	314.4	9.73	52.08	7.79	9.2	314.4	9.66	9.4	322.5	0.89	999.00	0.12
12	14	9	76	8.1	119.1	11.93	43.64	10.94	8.7	119.4	11.55	9.2	124.6	0.63	999.00	1.01
13	14	9	76	7.8	153.9	14.43	36.86	13.25	8.1	158.7	13.91	8.0	158.8	0.75	999.00	1.20
14	14	9	76	7.6	131.4	16.19	28.74	14.89	8.1	136.6	15.81	8.1	142.2	0.67	999.00	1.16
15	14	9	76	6.8	36.1	17.16	29.74	8.86	7.3	41.3	16.89	7.3	43.2	0.62	999.00	0.67
16	14	9	76	4.1	311.6	18.23	29.67	25.53	4.6	305.9	17.96	5.1	289.1	0.49	999.00	0.32
17	14	9	76	4.9	294.8	19.16	20.46	14.68	5.2	283.6	19.22	5.5	291.9	0.57	999.00	0.37
18	14	9	76	4.3	24.4	18.75	20.27	6.69	4.3	27.9	18.91	3.9	29.1	0.26	999.00	0.16
19	14	9	76	3.0	320.9	15.77	37.33	15.89	3.2	0.8	15.63	4.6	20.4	-0.14	999.00	0.03
20	14	9	76	3.2	266.1	15.56	39.11	4.93	2.9	274.5	14.56	2.1	299.8	0.03	999.00	0.01
21	14	9	76	4.3	289.1	15.36	39.43	3.56	3.3	303.5	15.08	2.2	5.1	-0.27	999.00	0.01
22	14	9	76	2.8	270.0	15.12	38.35	7.11	2.3	328.5	14.80	3.5	39.7	-0.41	999.00	0.01
23	14	9	76	2.8	221.0	15.39	38.28	6.14	1.9	278.3	14.79	1.7	309.6	-0.25	999.00	0.01

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                                   RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                          10 - METER LEVEL                       30 - METER LEVEL         60 - METER LEVEL
HR DY MO YR        WS10  WDR10    AT10    RH10    SG10      WS30  WDR30    AT30      WS60  WDR60    DT60      PREC      SI
++ ++ ++ ++        +--------------------------------------+  +----------------------+  +----------------------+  +-----------+

 0 15  9 76         4.6  264.6   15.28   38.28    1.59       3.3  273.5   15.01       2.6  277.5   -0.03    999.00    0.01
 1 15  9 76         7.3  241.8   14.89   33.15    4.99       8.0  238.0   14.89       7.4  232.5   -0.46    999.00    0.01
 2 15  9 76         6.3  274.1   12.17   43.89   10.11       9.3  264.6   12.90      11.8  262.1   -1.87    999.00    0.01
 3 15  9 76         3.1  249.3   11.94   46.74    9.57       2.8  157.5   12.09       2.6  142.6   -1.07    999.00    0.01
 4 15  9 76         3.9  277.5   12.69   40.58    5.06       2.8  291.6   12.42       1.7   63.7   -0.34    999.00    0.01
 5 15  9 76         1.9  204.8   12.09   42.53   17.13       2.2  151.5   12.14       3.6  131.7   -0.82    999.00    0.00
 6 15  9 76         3.1  228.4   12.85   38.86    7.72       3.1  218.7   12.32       3.4  195.4    0.00    999.00    0.00
 7 15  9 76         4.1  199.0   12.83   36.55   12.25       5.4  198.7   12.88       6.1  182.2    0.11    999.00    0.11
 8 15  9 76         2.4   63.1   14.15   27.62   20.24       2.8   82.5   15.26       3.5  152.6    0.19    999.00    0.38
 9 15  9 76         8.8  134.0   16.47   26.64   15.53       9.6  138.6   16.17      10.3  149.8    0.56    999.00    0.49
10 15  9 76        11.2  205.7   17.66   22.57   12.76      14.5  203.3   17.25      16.9  210.0    0.70    999.00    0.42
11 15  9 76        10.5  199.0   17.76   21.99   12.35      12.8  204.8   17.35      14.2  207.1    0.71    999.00    0.39
12 15  9 76        11.7  197.2   18.92   19.10   15.95      15.5  194.5   18.28      16.6  210.0    0.81    999.00    0.61
13 15  9 76         6.8  227.9   19.24   18.98   18.14       7.5  222.5   18.69       8.4  229.4    0.80    999.00    0.66
14 15  9 76        10.1  239.6   20.24   18.23   14.51      10.5  230.3   19.41      11.5  229.2    0.89    999.00    0.79
15 15  9 76         5.6  180.2   20.08   17.17   18.80       6.9  190.3   19.72       7.3  191.9    0.71    999.00    0.66
16 15  9 76       999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00    999.00  999.00
17 15  9 76       999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00    999.00  999.00
18 15  9 76       999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00    999.00  999.00
19 15  9 76       999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00    999.00  999.00
20 15  9 76       999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00    999.00  999.00
21 15  9 76       999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00    999.00  999.00
22 15  9 76       999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00    999.00  999.00
23 15  9 76       999.0  999.0  999.00  999.00  999.00     999.0  999.0  999.00     999.0  999.0  999.00    999.00  999.00
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
1	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
2	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
3	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
4	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
5	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
6	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
7	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
8	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
9	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
10	16	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
11	16	9	76	11.0	204.6	18.96	23.39	18.75	13.9	206.0	19.28	16.4	216.8	0.92	999.00	0.96
12	16	9	76	12.7	207.6	20.47	19.16	18.41	15.3	207.8	19.31	16.8	212.0	1.25	999.00	1.07
13	16	9	76	11.0	207.6	20.67	17.99	16.09	12.2	205.8	19.81	13.7	214.6	1.13	999.00	1.17
14	16	9	76	9.4	197.5	21.26	17.42	15.25	12.3	196.7	20.26	14.1	203.6	1.19	999.00	1.07
15	16	9	76	10.3	208.2	21.98	16.81	17.28	12.1	204.6	21.14	13.5	215.5	1.12	999.00	0.92
16	16	9	76	11.9	181.6	20.41	18.39	11.17	15.7	186.7	20.12	16.3	193.7	0.53	999.00	0.32
17	16	9	76	7.5	217.9	20.36	18.29	15.15	9.2	212.5	20.13	12.9	223.4	0.48	999.00	0.24
18	16	9	76	9.3	197.7	19.86	18.32	12.74	12.8	201.9	19.81	15.3	206.3	0.27	999.00	0.14
19	16	9	76	6.5	244.5	17.60	20.61	12.00	9.1	220.3	17.91	13.2	201.1	-1.22	999.00	0.02
20	16	9	76	6.0	241.5	16.74	22.00	10.40	8.3	217.8	17.40	10.4	197.8	-1.51	999.00	0.01
21	16	9	76	7.0	248.1	16.79	22.27	12.09	9.8	219.2	17.56	12.1	203.2	-1.54	999.00	0.00
22	16	9	76	5.0	217.9	16.75	22.24	19.66	7.9	210.3	17.15	13.6	213.6	-0.93	999.00	0.00
23	16	9	76	8.7	195.5	16.06	22.95	18.78	13.1	195.5	16.49	16.4	197.5	-0.57	999.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	17	9	76	6.5	223.8	16.03	22.54	17.80	9.3	217.3	16.37	17.1	214.2	-0.75	999.00	0.00
1	17	9	76	5.3	249.0	15.50	22.84	19.36	8.3	221.5	15.74	14.2	213.3	-1.16	999.00	0.00
2	17	9	76	7.3	220.0	15.49	22.95	17.79	11.4	210.8	15.87	17.6	212.7	-0.75	999.00	0.00
3	17	9	76	6.7	219.4	15.25	23.48	15.38	10.4	207.4	15.55	14.6	201.1	-0.53	999.00	0.00
4	17	9	76	8.1	206.8	14.90	24.72	6.69	12.2	199.7	15.47	14.1	198.5	-0.55	999.00	0.00
5	17	9	76	6.0	223.7	14.18	26.43	12.76	9.4	209.9	14.69	11.3	202.0	-0.80	999.00	0.00
6	17	9	76	6.6	212.9	13.59	27.57	11.09	10.4	198.0	14.44	12.7	195.1	-1.00	999.00	0.00
7	17	9	76	4.0	176.5	14.86	26.14	11.12	5.5	182.5	14.87	6.8	187.8	0.28	999.00	0.13
8	17	9	76	12.4	166.8	16.40	24.02	11.02	15.6	172.5	15.93	16.2	173.9	0.69	999.00	0.41
9	17	9	76	10.9	162.6	17.49	22.70	10.90	12.5	162.9	16.84	12.1	167.3	0.86	999.00	0.70
10	17	9	76	14.6	195.1	19.41	19.11	16.35	18.3	198.8	18.50	20.1	214.8	0.96	999.00	0.91
11	17	9	76	17.3	206.3	20.57	17.74	16.52	20.2	211.1	19.52	25.0	224.8	1.21	999.00	1.15
12	17	9	76	15.3	214.5	21.08	17.28	18.19	18.6	213.8	19.85	25.4	220.5	1.32	999.00	1.21
13	17	9	76	12.9	207.1	21.09	17.34	17.77	17.3	210.3	19.96	19.8	217.2	1.16	999.00	1.05
14	17	9	76	14.0	203.8	21.54	16.80	16.00	17.4	206.4	20.36	20.2	216.1	1.28	999.00	1.13
15	17	9	76	13.1	210.2	21.57	16.73	16.90	16.1	209.4	20.66	19.2	221.2	1.14	999.00	1.04
16	17	9	76	12.2	212.0	20.99	17.04	16.93	14.9	210.6	20.37	18.0	216.9	0.91	999.00	0.62
17	17	9	76	7.8	223.9	20.03	17.70	16.63	9.5	222.9	19.81	13.6	229.0	0.47	999.00	0.26
18	17	9	76	9.4	191.7	19.46	17.49	10.07	12.2	193.1	19.51	13.6	201.1	0.17	999.00	0.13
19	17	9	76	7.4	255.2	17.40	19.14	6.98	8.4	239.7	17.66	12.2	227.3	-1.04	999.00	0.02
20	17	9	76	8.1	202.7	16.14	19.77	12.61	12.0	198.0	16.62	15.4	199.0	-0.62	999.00	0.00
21	17	9	76	6.5	258.0	15.53	20.78	11.91	8.4	237.7	15.96	15.1	225.0	-1.22	999.00	0.00
22	17	9	76	6.8	257.8	15.61	20.84	14.78	7.6	245.3	15.69	12.7	232.3	-0.23	999.00	0.00
23	17	9	76	6.1	195.5	14.49	21.03	13.56	9.7	199.8	15.15	12.1	198.9	-0.77	999.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	18	9	76	8.5	258.6	15.18	19.99	5.16	10.1	244.8	15.76	13.1	236.9	-1.10	999.00	0.00
1	18	9	76	11.4	247.3	13.86	20.56	3.73	13.2	253.8	14.93	14.3	263.2	-0.99	999.00	0.00
2	18	9	76	11.5	250.5	13.33	21.06	4.61	13.1	258.3	14.33	13.5	272.3	-1.00	999.00	0.00
3	18	9	76	10.2	279.9	13.29	21.75	4.97	11.9	288.4	14.08	13.4	303.7	-1.00	999.00	0.00
4	18	9	76	8.7	263.2	14.09	21.47	3.42	8.6	271.5	14.54	8.5	283.9	-0.46	999.00	0.00
5	18	9	76	6.8	262.4	14.07	21.45	3.80	6.7	271.8	14.32	6.4	262.6	-0.26	999.00	0.00
6	18	9	76	4.0	304.1	10.90	24.71	8.69	3.8	324.5	11.03	3.3	18.6	-0.56	999.00	0.00
7	18	9	76	3.7	291.4	12.21	23.25	6.39	3.3	308.2	12.42	3.0	19.8	-0.35	999.00	0.12
8	18	9	76	2.1	76.0	14.60	19.65	26.25	1.9	39.0	16.15	1.9	351.6	0.47	999.00	0.38
9	18	9	76	5.5	77.8	15.49	19.77	12.34	5.9	82.6	15.24	6.4	92.0	0.60	999.00	0.68
10	18	9	76	6.8	268.9	17.15	19.43	14.20	7.6	264.1	16.52	8.4	252.2	0.97	999.00	0.94
11	18	9	76	9.1	196.1	18.39	19.27	14.55	10.5	198.3	17.41	11.0	208.7	1.20	999.00	1.13
12	18	9	76	10.7	259.8	18.80	18.27	12.79	11.7	250.1	17.88	12.6	252.0	1.02	999.00	1.10
13	18	9	76	11.0	214.4	20.18	16.94	17.82	13.1	216.2	19.10	14.0	222.4	1.28	999.00	1.27
14	18	9	76	10.8	219.3	19.86	17.09	19.72	13.1	217.1	18.95	14.7	223.8	1.02	999.00	1.14
15	18	9	76	9.3	193.7	19.72	17.00	14.92	11.1	193.1	18.91	12.2	197.3	0.98	999.00	0.93
16	18	9	76	9.6	183.6	19.46	16.69	13.49	11.3	183.0	18.91	11.7	194.8	0.78	999.00	0.70
17	18	9	76	6.4	204.7	18.89	17.52	14.73	8.3	206.2	18.64	10.1	208.3	0.49	999.00	0.36
18	18	9	76	4.7	220.0	17.83	18.27	14.92	6.2	220.7	17.83	9.5	222.2	0.08	999.00	0.12
19	18	9	76	8.7	274.0	15.66	19.59	5.17	9.5	267.0	16.01	10.6	245.1	-0.80	999.00	0.02
20	18	9	76	10.1	258.4	16.55	19.18	1.51	11.2	257.3	17.40	11.3	260.6	-0.63	999.00	0.01
21	18	9	76	7.4	265.5	16.65	19.25	3.94	8.9	272.6	17.15	9.7	278.5	-0.46	999.00	0.00
22	18	9	76	8.6	15.6	13.64	21.76	13.09	11.4	16.7	13.82	13.0	15.8	-0.02	999.00	0.00
23	18	9	76	3.1	304.9	12.09	26.36	16.45	3.1	328.3	11.62	4.2	10.6	0.06	999.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	19	9	76	5.5	296.1	11.69	26.78	3.86	4.6	312.3	11.66	4.3	343.9	0.06	999.00	0.00
1	19	9	76	5.1	3C2.9	11.01	28.23	5.77	4.9	324.2	10.98	6.1	6.4	-0.14	999.00	0.00
2	19	9	76	4.9	299.0	1C.31	31.35	5.96	4.3	327.0	10.46	4.5	13.4	-0.48	999.00	0.00
3	19	9	76	4.6	309.6	9.49	34.36	6.05	4.8	348.8	9.75	5.8	23.8	-0.51	999.0C	0.00
4	19	9	76	3.6	316.3	8.95	37.98	16.51	3.8	354.0	8.81	5.2	19.9	-0.08	999.00	0.00
5	19	9	76	1.8	6C.6	8.39	49.64	8.31	2.9	52.3	7.97	3.6	42.7	0.09	999.00	0.00
6	19	9	76	2.8	329.4	7.31	52.72	28.59	3.3	355.6	7.11	3.9	12.5	0.14	999.00	0.00
7	19	9	76	3.1	326.5	7.40	55.39	19.22	3.2	345.8	7.44	4.0	7.4	0.36	999.00	0.10
8	19	9	76	6.9	53.5	8.55	49.07	8.23	6.8	58.6	8.53	6.3	55.9	0.61	999.00	0.37
9	19	9	76	5.5	67.5	10.21	39.90	13.75	5.7	67.6	10.13	6.1	68.1	0.64	999.00	0.67
1C	19	9	76	5.2	92.3	11.94	28.15	15.49	5.8	91.1	11.57	6.3	86.9	0.64	999.00	0.93
11	19	9	76	5.0	2C.8	14.C3	25.57	2C.34	5.8	33.4	13.59	6.C	35.8	0.69	999.0C	1.11
12	19	9	76	6.9	66.4	16.14	20.46	17.39	7.4	59.1	15.56	7.1	57.6	0.73	999.00	1.20
13	19	9	76	8.2	5C.7	18.53	18.02	17.25	9.1	48.4	17.85	10.3	51.8	0.94	999.CC	1.28
14	19	9	76	7.6	324.7	18.36	18.C3	14.93	8.C	318.2	17.57	7.8	325.3	0.86	999.0C	0.86
15	19	9	76	8.1	351.6	18.C7	18.66	27.50	8.3	343.7	17.66	8.6	347.8	C.66	999.00	0.39
16	19	9	76	3.5	11.8	18.63	17.79	19.61	3.5	1.5	18.73	4.2	3.9	0.53	999.0C	0.38
17	19	9	76	5.4	49.6	18.96	16.75	15.24	6.C	52.4	18.77	6.1	50.8	0.58	999.00	0.35
18	19	9	76	5.6	316.6	17.19	18.40	16.32	6.3	349.7	17.54	8.8	15.9	-0.56	999.0C	0.11
19	19	9	76	9.3	298.3	14.40	2C.09	5.05	10.1	322.3	15.66	10.5	346.6	-1.73	999.00	0.02
20	19	9	76	7.1	2.8	13.38	24.85	32.38	10.6	12.0	13.8C	13.6	16.7	-0.42	999.00	0.00
21	19	9	76	4.0	27C.6	12.50	30.23	10.39	3.1	306.6	12.25	4.5	352.4	-0.23	999.00	0.00
22	19	9	76	2.6	312.5	12.60	31.06	18.79	4.3	5.9	12.64	5.5	27.1	-0.23	999.00	0.00
23	19	9	76	3.7	26.9	11.78	34.37	25.07	5.1	31.9	11.66	6.6	24.9	0.14	999.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
**	**	**	**	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
0	20	9	76	4.5	45.7	10.11	42.94	12.82	5.2	45.6	9.90	6.3	31.3	0.22	999.00	0.00
1	20	9	76	4.2	1.3	8.41	51.09	28.90	5.2	16.9	8.30	6.0	24.3	0.18	999.00	0.00
2	20	9	76	2.2	278.2	7.17	55.78	5.12	1.4	301.0	5.52	1.8	235.5	-0.01	999.00	0.00
3	20	9	76	3.8	328.3	6.17	57.12	16.24	4.1	359.0	6.07	4.7	24.6	-0.03	999.00	0.00
4	20	9	76	4.6	318.6	5.41	60.48	6.20	5.0	334.4	5.38	5.9	357.2	0.00	999.00	0.00
5	20	9	76	5.2	332.4	4.62	69.92	12.00	6.1	354.4	4.73	7.4	4.2	0.00	999.00	0.00
6	20	9	76	4.3	311.6	4.36	75.58	7.28	4.4	334.8	4.32	5.3	360.0	0.06	999.00	0.00
7	20	9	76	3.5	287.0	5.09	75.12	6.84	3.6	302.4	5.17	3.9	330.0	0.31	999.00	0.10
8	20	9	76	2.3	345.0	6.86	54.59	25.94	2.0	20.0	8.29	1.6	351.1	0.48	999.00	0.31
9	20	9	76	3.6	85.1	9.21	38.61	16.05	3.7	86.3	9.75	4.0	79.4	0.44	999.00	0.62
10	20	9	76	5.7	55.5	11.56	33.38	13.55	6.0	62.0	11.37	6.3	63.0	0.67	999.00	0.91
11	20	9	76	6.5	71.1	13.67	28.15	17.37	6.7	74.4	13.26	7.4	73.8	0.75	999.00	1.10
12	20	9	76	4.8	90.2	15.78	21.74	23.61	5.3	79.6	15.47	6.0	75.8	0.60	999.00	1.20
13	20	9	76	7.0	60.7	18.27	18.54	15.53	7.8	65.4	17.53	8.5	71.0	1.02	999.00	1.28
14	20	9	76	9.1	20.8	18.88	18.46	20.33	9.9	23.8	18.16	9.7	20.9	0.89	999.00	0.95
15	20	9	76	9.9	24.4	18.68	18.98	14.08	10.9	24.9	18.13	11.1	26.0	0.88	999.00	0.67
16	20	9	76	10.8	53.9	19.10	17.34	7.86	11.9	59.1	18.53	11.9	60.6	0.86	999.00	0.61
17	20	9	76	9.5	13.1	19.14	17.14	22.42	9.9	7.9	18.80	10.4	10.1	0.69	999.00	0.42
18	20	9	76	6.9	340.1	17.81	17.99	10.49	8.2	341.3	17.96	9.4	348.0	0.05	999.00	0.14
19	20	9	76	7.4	298.8	15.59	19.31	6.70	7.2	317.8	16.09	7.7	357.1	-1.06	999.00	0.02
20	20	9	76	6.7	296.4	15.46	19.59	7.64	7.1	316.7	15.90	7.7	355.1	-1.04	999.00	0.00
21	20	9	76	3.7	308.6	15.30	20.05	18.51	4.1	0.5	15.36	6.0	30.4	-0.47	999.00	0.00
22	20	9	76	4.7	302.6	15.19	19.91	5.87	4.3	324.8	15.14	4.9	27.3	-0.65	999.00	0.00
23	20	9	76	2.8	285.8	14.99	20.30	8.94	1.6	0.4	13.64	2.9	83.1	-0.33	999.00	0.00

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                                  RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

                        10 - METER LEVEL                        30 - METER LEVEL       60 - METER LEVEL
HR DY MO YR      WS10  WDR10   AT10   RH10    SG10      WS30  WDR30   AT30     WS60  WDR60   DT60    PREC      SI
++ ++ ++ ++      +--------------------------------+     +-------------------+   +--------------------+ +-----------+

 0 21  9 76      2.0  210.4   15.20  20.88    6.92      1.9  184.4  14.02     2.2  139.8   0.05  999.00    0.00
 1 21  9 76      2.1  196.5   15.25  20.94    5.95      1.2  167.0  13.84     2.2  153.2   0.15  999.00    0.00
 2 21  9 76      3.8  284.5   14.71  20.63    2.46      3.0  293.3  13.98     1.2  273.4  -0.04  999.00    0.00
 3 21  9 76      2.2  330.1   14.22  21.17    7.06      1.6   19.8  12.12     2.5   43.7  -0.12  999.00    0.00
 4 21  9 76      1.6  158.4   12.57  22.72    3.46      2.1  101.8  11.01     1.7   61.3  -0.81  999.00    0.00
 5 21  9 76      1.1  291.4   12.53  22.70    1.02      0.9  116.0   8.18     0.9   73.7  -0.28  999.00    0.00
 6 21  9 76      2.0  301.0   12.50  22.62    2.36      2.1  318.9  11.21     1.7  342.8  -0.64  999.00    0.00
 7 21  9 76      2.4   17.6   12.60  21.61    8.60      1.3   53.3  12.78     1.9   66.0   0.05  999.00    0.09
 8 21  9 76      2.7   82.4   13.15  19.60    7.86      2.7   86.8  14.07     2.1   98.0   0.38  999.00    0.29
 9 21  9 76      3.6   57.8   14.89  19.22   12.67      3.4   62.7  15.14     3.0   67.4   0.39  999.00    0.62
10 21  9 76      4.5   63.8   16.95  17.54   17.67      4.8   67.1  16.74     5.4   68.4   0.64  999.00    0.91
11 21  9 76      7.7   90.3   18.56  16.93   10.63      8.6   90.1  17.91     9.4   86.5   0.76  999.00    1.09
12 21  9 76      9.0  280.9   20.42  16.38   19.90      9.7  283.7  19.58     9.9  283.3   1.06  999.00    1.16
13 21  9 76      8.8  249.6   19.74  17.41   13.66      9.5  248.5  19.32    10.6  253.4   0.73  999.00    0.55
14 21  9 76      7.0   64.4   19.93  15.79   16.55      7.6   73.0  19.62     8.5   74.8   0.77  999.00    0.74
15 21  9 76     12.7  253.0   18.29  18.26   11.23     14.9  254.4  17.92    16.6  256.0   0.59  999.00    0.24
16 21  9 76      5.8  207.8   17.86  18.22   13.34      6.3  199.5  17.55     7.1  205.4   0.70  999.00    0.28
17 21  9 76      8.6  196.0   17.39  18.85   13.19     10.1  203.6  17.11    11.8  220.7   0.57  999.00    0.17
18 21  9 76      8.7  259.0   15.54  21.21    7.05     10.2  262.7  15.42    11.8  273.8   0.34  999.00    0.05
19 21  9 76     11.5  215.6   13.01  29.53   16.31     13.6  218.9  12.84    19.9  226.7   0.52  999.00    0.01
20 21  9 76     13.1  257.9   12.76  31.95    8.00     13.9  249.3  12.65    15.9  247.4   0.42  999.00    0.00
21 21  9 76      7.4  264.1   13.53  29.12    7.19      8.1  250.9  13.63    11.0  236.6  -0.07  999.00    0.00
22 21  9 76     12.4  256.6   11.41  39.15    9.14     14.1  249.5  11.27    17.4  249.0   0.47  999.00    0.00
23 21  9 76     14.7  259.2    9.72  46.50    8.89     16.6  255.3   9.56    19.6  257.1   0.47  999.00    0.00
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RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	22	9	76	7.3	243.9	8.02	66.83	15.21	8.1	227.6	7.60	13.8	227.9	0.39	999.00	0.00
1	22	9	76	2.6	128.9	8.12	62.12	16.34	3.3	160.3	7.90	4.3	184.0	0.17	999.00	0.00
2	22	9	76	4.0	255.5	8.14	61.95	10.30	4.6	232.8	8.13	5.6	221.1	0.09	999.00	0.00
3	22	9	76	4.6	233.9	7.68	61.19	20.87	7.0	209.9	7.79	10.9	217.5	-0.17	999.00	0.00
4	22	9	76	2.9	241.6	7.30	63.16	22.53	3.6	264.2	7.18	5.4	245.1	0.11	999.00	0.00
5	22	9	76	8.0	256.2	6.98	78.28	7.20	9.8	246.1	6.46	12.6	246.6	0.19	999.00	0.00
6	22	9	76	3.4	233.9	7.21	80.95	11.86	4.8	200.0	7.13	7.8	216.6	-0.13	999.00	0.00
7	22	9	76	5.1	272.5	7.74	73.22	8.60	5.5	251.4	7.60	6.8	236.3	0.38	999.00	0.04
8	22	9	76	6.7	213.7	8.11	73.66	11.91	8.5	215.2	8.00	11.9	224.3	0.34	999.00	0.14
9	22	9	76	7.9	256.8	8.95	69.22	12.02	9.5	246.1	8.77	11.0	244.8	0.52	999.00	0.26
10	22	9	76	6.7	213.6	9.98	64.73	17.21	8.2	213.1	9.66	9.8	223.3	0.80	999.00	0.50
11	22	9	76	10.1	259.9	11.49	52.51	12.96	11.0	252.5	11.08	11.3	261.1	0.66	999.00	0.72
12	22	9	76	12.5	293.7	13.03	42.76	10.97	13.7	287.5	12.13	14.3	289.5	0.94	999.00	1.17
13	22	9	76	13.2	307.9	13.62	40.61	10.18	14.7	304.4	12.78	15.8	307.8	0.89	999.00	1.14
14	22	9	76	12.9	304.2	14.07	34.68	9.32	14.3	300.6	13.35	14.9	304.7	0.88	999.00	0.99
15	22	9	76	10.6	317.1	14.49	31.30	13.51	11.9	309.2	13.93	12.3	314.8	0.87	999.00	0.75
16	22	9	76	9.3	349.2	14.96	28.06	29.64	10.6	344.3	14.32	10.9	348.7	0.96	999.00	0.72
17	22	9	76	6.6	66.1	12.55	41.17	8.05	7.4	66.4	12.19	8.1	69.8	0.65	999.00	0.28
18	22	9	76	6.2	79.8	12.12	41.87	8.03	7.0	84.3	11.93	8.0	88.4	0.54	0.00	0.10
19	22	9	76	3.2	150.3	10.30	59.00	14.58	3.6	134.7	10.03	4.1	145.2	-0.11	0.00	0.01
20	22	9	76	2.2	326.0	9.25	66.34	16.52	3.0	42.6	9.01	3.3	55.0	-0.20	0.00	0.00
21	22	9	76	18.4	327.8	8.02	63.12	11.48	21.6	323.5	7.25	23.5	327.9	999.00	0.04	0.00
22	22	9	76	9.7	231.3	8.16	63.32	6.93	11.3	227.5	7.93	12.0	226.8	-0.60	0.09	0.00
23	22	9	76	6.2	239.3	8.59	59.88	7.98	7.4	217.8	8.76	9.0	207.2	-0.29	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	23	9	76	8.1	237.2	9.12	50.79	3.70	8.7	216.6	9.51	8.6	204.5	-0.46	0.00	0.00
1	23	9	76	3.9	220.9	9.55	52.02	7.18	4.1	199.3	9.83	4.1	175.4	-0.33	0.00	0.00
2	23	9	76	2.1	42.1	8.82	59.02	6.35	2.3	57.7	8.67	1.3	181.0	-0.65	0.00	0.00
3	23	9	76	2.9	283.2	9.78	52.87	7.28	2.9	290.3	9.52	2.6	257.0	-0.32	0.00	0.00
4	23	9	76	3.1	262.2	8.60	58.41	9.07	3.3	240.8	8.91	3.5	233.0	-1.34	0.00	0.00
5	23	9	76	9.8	254.2	9.56	50.66	3.90	12.6	254.7	10.76	13.8	255.5	-1.68	0.00	0.00
6	23	9	76	12.1	254.3	9.83	47.00	2.43	14.2	254.1	11.01	14.5	257.6	-1.21	0.00	0.00
7	23	9	76	4.0	164.4	8.60	51.63	9.40	3.8	173.5	9.58	4.1	180.9	-0.92	0.00	0.12
8	23	9	76	2.1	92.4	9.95	46.36	12.42	2.5	96.0	11.03	2.2	94.0	-0.26	0.00	0.29
9	23	9	76	4.8	70.0	11.02	48.79	5.61	4.8	78.0	11.02	4.3	96.9	-0.08	0.00	0.45
10	23	9	76	5.4	73.8	999.00	36.69	9.09	5.7	85.0	999.00	6.2	97.0	999.00	0.00	0.88
11	23	9	76	10.3	282.5	999.00	25.34	11.06	10.6	280.8	999.00	11.1	281.8	999.00	0.00	1.18
12	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
13	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
14	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
15	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
16	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
17	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
18	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
19	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
20	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
21	23	9	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
22	23	9	76	5.3	174.6	10.68	27.58	5.50	6.4	170.7	999.00	7.6	161.6	-0.15	0.00	0.00
23	23	9	76	2.6	314.8	9.97	29.10	7.62	2.3	325.1	999.00	1.9	231.0	-0.71	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
++	++	++	++													
0	24	9	76	3.6	200.4	10.86	25.64	5.48	4.1	221.5	999.00	4.2	219.7	-0.37	0.00	0.00
1	24	9	76	8.0	252.8	12.17	24.05	4.55	8.6	252.2	999.00	9.3	252.2	-0.49	0.00	0.00
2	24	9	76	7.3	238.5	10.45	28.38	5.72	8.6	240.7	999.00	9.6	240.1	-0.62	0.00	0.00
3	24	9	76	8.9	216.6	9.92	33.56	15.76	12.3	215.0	999.00	18.1	221.3	0.31	0.00	0.00
4	24	9	76	8.8	208.5	8.58	53.46	14.76	11.0	214.1	999.00	16.7	218.8	0.27	0.00	0.00
5	24	9	76	3.6	240.9	8.07	57.59	15.05	4.7	230.9	999.00	9.7	226.8	0.12	0.00	0.00
6	24	9	76	3.0	221.4	8.26	53.56	6.74	4.1	193.2	999.00	4.9	188.7	-0.20	0.00	0.00
7	24	9	76	2.4	169.1	7.34	71.06	8.51	3.4	152.0	999.00	5.1	150.8	0.27	0.01	0.02
8	24	9	76	2.4	27.1	7.36	77.01	5.56	2.7	8.6	999.00	2.8	349.1	0.57	0.00	0.06
9	24	9	76	2.4	62.7	7.95	78.01	9.25	2.6	42.8	999.00	2.4	43.2	0.63	0.01	0.16
10	24	9	76	2.4	138.5	8.40	67.43	10.31	2.5	118.3	999.00	2.1	119.6	0.59	0.00	0.18
11	24	9	76	2.6	62.5	9.21	56.37	14.52	2.6	48.1	999.00	2.6	68.6	0.60	0.00	0.30
12	24	9	76	4.4	68.5	9.45	55.50	8.40	4.7	51.7	999.00	4.3	54.1	0.63	0.00	0.30
13	24	9	76	2.8	63.2	10.01	38.89	18.09	2.9	50.0	999.00	3.0	65.0	0.60	0.00	0.38
14	24	9	76	3.3	105.9	10.36	32.33	12.93	3.3	99.9	999.00	3.3	147.5	0.61	0.00	0.41
15	24	9	76	3.7	125.4	10.90	24.79	13.40	3.9	116.5	999.00	4.0	127.7	0.62	0.00	0.47
16	24	9	76	3.4	275.3	10.11	46.22	5.89	3.7	261.9	999.00	4.1	253.4	-0.25	0.00	0.14
17	24	9	76	5.5	231.4	9.62	38.63	8.18	5.6	218.6	999.00	4.0	192.3	-0.45	0.00	0.05
18	24	9	76	8.8	311.2	7.73	57.74	6.93	10.5	314.9	999.00	11.6	326.5	0.28	0.00	0.02
19	24	9	76	3.5	223.7	7.35	59.10	7.96	3.4	261.8	999.00	3.2	301.7	-0.18	0.03	0.01
20	24	9	76	5.2	245.5	8.18	52.04	4.36	4.9	224.3	999.00	4.2	210.1	0.02	0.00	0.00
21	24	9	76	7.3	238.0	8.67	41.16	2.64	7.6	225.7	999.00	7.6	214.8	-0.05	0.00	0.00
22	24	9	76	2.5	262.0	8.06	47.95	13.22	2.4	312.4	999.00	3.1	211.0	-0.20	0.00	0.00
23	24	9	76	3.9	287.3	8.75	40.81	4.35	2.6	313.3	999.00	1.5	138.7	-0.27	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
++	++	++	++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	25	9	76	5.3	296.1	8.68	39.12	3.28	4.7	315.8	999.00	3.4	312.5	-0.16	0.00	0.00
1	25	9	76	4.0	234.0	8.23	44.08	7.47	3.2	230.4	999.00	2.2	232.7	0.02	0.00	0.00
2	25	9	76	3.8	291.8	7.91	44.35	7.61	5.4	298.5	999.00	6.1	306.8	-0.08	0.00	0.00
3	25	9	76	4.3	244.3	7.90	52.31	5.62	5.9	274.0	999.00	5.9	294.6	-0.54	0.00	0.00
4	25	9	76	1.9	334.5	6.58	64.23	20.63	1.8	40.1	999.00	2.6	145.5	-0.60	0.00	0.00
5	25	9	76	2.2	255.9	7.15	57.54	7.15	1.5	350.2	999.00	1.7	133.4	-0.01	0.00	0.00
6	25	9	76	4.2	292.6	7.06	56.94	4.58	3.6	316.9	999.00	1.9	338.4	-0.03	0.00	0.00
7	25	9	76	3.2	205.3	7.18	52.93	6.30	3.1	188.4	999.00	3.1	161.6	-0.07	0.00	0.07
8	25	9	76	1.7	34.0	8.03	51.10	11.42	1.7	11.1	999.00	1.1	200.9	0.52	0.00	0.25
9	25	9	76	2.7	79.4	8.89	33.96	20.69	2.6	56.1	999.00	2.5	76.4	0.45	0.00	0.46
10	25	9	76	4.3	71.5	10.41	25.05	18.33	4.3	70.4	999.00	4.3	72.0	0.69	0.00	0.74
11	25	9	76	4.9	85.2	11.27	22.78	17.40	5.3	79.2	8.70	5.4	80.7	0.72	0.00	0.92
12	25	9	76	6.8	330.4	11.90	26.02	21.61	7.5	324.3	11.99	7.9	321.2	0.87	0.00	0.77
13	25	9	76	7.5	20.6	13.00	23.39	25.98	8.1	16.1	12.92	8.2	19.1	0.96	0.00	0.79
14	25	9	76	6.6	59.4	12.41	24.06	7.71	7.5	61.0	12.39	7.5	59.6	0.65	0.00	0.35
15	25	9	76	6.0	6.3	11.80	26.63	22.47	6.6	3.3	11.84	6.6	1.1	0.62	0.00	0.18
16	25	9	76	7.4	164.7	10.91	25.47	7.94	8.5	166.2	11.01	8.9	169.7	0.16	0.00	0.10
17	25	9	76	12.7	330.2	10.19	26.41	21.22	14.5	333.1	10.20	14.6	337.4	0.52	0.00	0.08
18	25	9	76	8.9	47.4	7.06	58.19	11.14	10.6	44.9	7.14	11.2	50.7	0.25	0.01	0.02
19	25	9	76	2.1	270.9	6.57	66.81	6.02	2.1	242.6	6.38	1.9	177.9	0.44	0.03	0.00
20	25	9	76	5.4	7.9	6.65	64.63	15.38	6.5	7.3	6.76	7.8	17.0	0.33	0.02	0.00
21	25	9	76	7.3	341.8	7.05	55.53	26.72	9.3	346.1	7.47	11.4	6.4	-0.41	0.00	0.00
22	25	9	76	5.9	347.0	7.65	42.39	25.84	8.2	358.6	8.38	10.8	23.6	-1.01	0.00	0.00
23	25	9	76	2.1	231.3	6.47	56.18	13.56	2.0	316.6	6.35	4.5	359.7	-0.33	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
0	26	9	76	5.0	322.3	6.49	55.94	5.20	6.6	339.3	6.91	8.3	354.8	-0.27	0.00	0.00
1	26	9	76	5.6	323.7	6.28	56.30	9.95	8.2	323.4	6.68	11.2	329.8	-0.09	0.00	0.00
2	26	9	76	5.4	316.6	5.82	59.01	9.90	7.6	320.2	6.25	9.4	336.6	-0.18	0.00	0.00
3	26	9	76	2.8	292.4	5.59	62.62	11.59	3.5	313.5	5.76	4.4	329.5	0.20	0.00	0.00
4	26	9	76	3.3	317.8	5.49	61.94	15.21	4.0	335.7	5.56	5.2	347.0	0.34	0.00	0.00
5	26	9	76	3.9	312.3	5.19	60.86	4.02	3.9	324.1	5.23	3.9	356.8	0.18	0.00	0.00
6	26	9	76	2.4	2.9	4.97	59.07	27.29	3.4	13.6	5.06	4.8	19.0	0.14	0.00	0.00
7	26	9	76	4.8	357.2	4.86	58.90	28.58	6.4	3.6	5.05	8.5	13.3	0.28	0.00	0.02
8	26	9	76	3.8	5.4	5.28	57.38	29.59	4.4	6.7	5.39	5.0	8.6	0.58	0.00	0.16
9	26	9	76	7.5	46.1	5.96	52.12	9.53	8.5	42.4	6.20	8.7	40.4	0.63	0.00	0.40
10	26	9	76	6.4	77.1	6.99	38.94	9.92	7.2	69.4	7.19	7.7	65.6	0.59	0.00	0.73
11	26	9	76	9.3	43.4	8.87	33.31	10.48	10.1	37.9	8.96	10.8	36.4	0.70	0.00	0.91
12	26	9	76	12.5	36.1	10.68	23.09	13.29	14.4	37.0	10.43	14.9	34.5	0.90	0.00	1.07
13	26	9	76	12.3	45.0	12.18	20.63	10.81	14.2	41.6	11.90	14.9	39.5	0.98	0.00	1.08
14	26	9	76	12.8	24.1	12.34	20.60	10.84	14.2	23.9	12.20	14.6	25.4	0.82	0.00	0.87
15	26	9	76	12.0	12.3	12.32	20.61	18.12	12.9	15.1	12.25	13.5	13.3	0.67	0.00	0.52
16	26	9	76	14.3	6.1	12.66	20.26	23.80	15.6	4.3	12.64	16.1	4.0	0.65	0.00	0.43
17	26	9	76	12.9	14.9	12.47	20.12	12.92	14.5	15.4	12.62	15.1	12.9	0.54	0.00	0.24
18	26	9	76	11.1	10.8	11.37	20.81	15.74	12.7	11.6	11.61	13.9	13.7	0.26	0.00	0.07
19	26	9	76	8.8	342.8	9.94	21.75	23.32	10.9	358.1	10.40	12.9	9.2	-0.24	0.00	0.01
20	26	9	76	10.1	357.2	8.40	24.03	29.96	11.8	4.4	8.84	13.9	12.4	-0.16	0.00	0.00
21	26	9	76	6.5	0.3	7.74	25.49	31.97	8.9	5.3	8.26	10.7	11.4	-0.26	0.00	0.00
22	26	9	76	13.2	356.9	6.97	25.55	29.41	15.5	0.4	7.47	18.1	7.5	-0.32	0.00	0.00
23	26	9	76	10.3	337.8	6.71	25.17	14.81	12.9	355.5	7.74	17.1	14.4	-1.65	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	27	9	76	4.3	5.4	5.98	26.38	29.91	6.6	9.7	6.35	9.6	7.3	-0.29	0.00	0.00
1	27	9	76	3.3	359.1	5.85	30.13	24.11	4.3	19.0	5.55	5.2	29.6	0.21	0.00	0.00
2	27	9	76	3.5	354.2	4.82	36.60	26.52	4.9	3.7	5.02	6.1	6.9	0.16	0.00	0.00
3	27	9	76	3.9	0.9	4.56	38.31	28.61	5.1	7.1	4.77	6.6	14.4	0.22	0.00	0.00
4	27	9	76	9.1	2.8	4.22	48.31	30.97	11.0	0.6	4.44	13.4	8.5	1.17	0.00	0.00
5	27	9	76	4.2	18.3	3.63	60.80	21.20	5.4	18.9	3.76	6.6	18.4	0.38	0.00	0.00
6	27	9	76	3.6	18.5	3.36	65.42	21.48	4.8	19.4	3.47	5.9	19.4	0.43	0.00	0.00
7	27	9	76	2.6	7.5	3.42	69.07	28.51	3.3	12.1	3.48	4.4	13.9	0.42	0.00	0.04
8	27	9	76	5.4	57.1	3.80	61.17	8.74	6.1	50.2	3.92	6.1	49.9	0.60	0.00	0.23
9	27	9	76	7.1	35.1	4.61	52.69	7.31	7.6	32.3	4.87	7.0	32.8	0.65	0.00	0.43
10	27	9	76	4.1	67.0	6.07	34.09	16.87	3.8	63.4	6.71	3.7	76.6	0.66	0.00	0.81
11	27	9	76	5.4	18.5	7.63	25.02	22.29	6.1	21.8	8.10	6.2	29.5	0.83	0.00	0.79
12	27	9	76	6.0	58.1	9.69	20.66	23.40	6.6	56.6	9.78	7.0	61.8	1.05	0.00	1.09
13	27	9	76	8.6	42.0	10.18	20.68	16.43	10.1	36.2	10.12	10.1	43.1	0.89	0.00	0.76
14	27	9	76	10.1	29.4	10.53	20.54	13.58	11.3	29.3	10.36	12.0	30.1	0.92	0.00	0.76
15	27	9	76	11.1	6.6	11.29	20.25	21.43	12.7	3.9	10.99	13.3	4.5	1.00	0.00	0.84
16	27	9	76	12.1	5.6	11.47	20.16	28.45	12.9	1.9	11.43	12.6	10.1	0.81	0.00	0.70
17	27	9	76	11.7	20.4	11.15	20.34	13.02	12.9	18.6	11.23	13.2	16.7	0.65	0.00	0.40
18	27	9	76	6.2	19.8	9.92	21.11	4.73	7.5	23.3	10.19	8.9	27.8	0.07	0.00	0.10
19	27	9	76	3.4	330.7	8.55	22.00	23.37	5.1	17.4	8.91	8.4	35.4	-0.70	0.00	0.01
20	27	9	76	3.0	347.8	8.21	22.28	33.34	4.7	22.2	8.28	7.3	42.5	-0.28	0.00	0.00
21	27	9	76	3.9	303.4	7.90	22.36	10.73	3.8	336.6	7.66	5.0	17.4	-0.13	0.00	0.00
22	27	9	76	3.4	320.1	7.76	22.31	18.32	4.6	5.1	8.04	6.2	23.6	-0.55	0.00	0.00
23	27	9	76	4.0	303.6	7.76	22.27	4.80	3.9	320.9	7.37	3.8	357.0	0.09	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
++	++	++	++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	28	9	76	2.8	273.6	7.41	22.53	5.70	2.6	309.9	6.22	1.3	296.5	-0.26	0.00	0.00
1	28	9	76	3.5	239.7	7.81	22.45	3.65	3.2	223.7	6.33	3.1	263.3	0.12	0.00	0.00
2	28	9	76	5.8	234.0	7.88	22.05	1.38	5.2	219.5	7.83	4.6	208.7	0.08	0.00	0.00
3	28	9	76	2.6	246.1	7.91	22.54	9.02	2.2	274.2	6.78	1.4	229.3	0.13	0.00	0.00
4	28	9	76	2.5	181.5	7.60	22.85	3.67	2.8	159.9	6.25	2.4	155.9	0.15	0.00	0.00
5	28	9	76	4.0	215.9	6.29	22.75	8.65	4.6	199.0	5.87	5.1	184.0	-0.79	0.00	0.00
6	28	9	76	3.3	205.3	6.91	22.82	4.65	3.7	178.3	6.93	4.2	160.6	-0.37	0.00	0.00
7	28	9	76	1.6	188.5	7.18	22.26	5.58	2.5	189.1	7.66	2.8	194.2	0.14	0.00	0.08
8	28	9	76	2.5	113.6	8.21	20.96	14.34	2.6	109.7	9.95	2.9	154.6	0.54	0.00	0.34
9	28	9	76	5.3	91.0	8.67	20.49	12.68	5.8	87.8	8.97	5.9	93.0	0.61	0.00	0.63
10	28	9	76	5.5	85.0	9.73	19.95	10.34	5.6	77.1	9.82	6.0	82.1	0.65	0.00	0.90
11	28	9	76	4.9	62.7	11.29	19.66	18.03	5.2	53.9	11.47	6.0	54.1	0.74	0.00	1.07
12	28	9	76	9.4	7.6	12.54	19.66	26.35	9.9	357.0	12.12	9.7	354.4	0.94	0.00	1.17
13	28	9	76	8.0	327.4	13.74	18.93	26.42	9.3	321.2	13.28	9.7	327.1	1.12	0.00	1.16
14	28	9	76	5.2	269.6	13.88	18.27	21.57	5.7	276.4	13.90	5.9	286.4	0.87	0.00	1.09
15	28	9	76	6.3	317.7	14.64	17.92	24.59	6.8	329.1	14.57	7.0	334.0	0.96	0.00	0.91
16	28	9	76	4.7	279.2	14.77	17.83	17.78	5.0	282.1	15.00	4.8	283.6	0.83	0.00	0.66
17	28	9	76	5.7	351.3	14.25	18.67	27.98	5.9	349.5	14.40	5.8	348.0	0.66	0.00	0.36
18	28	9	76	1.6	22.2	12.88	18.99	12.70	2.8	34.4	12.52	3.4	42.3	0.08	0.00	0.09
19	28	9	76	1.8	216.4	11.84	20.83	8.24	2.8	306.0	10.60	1.9	327.2	-0.18	0.00	0.02
20	28	9	76	1.8	242.2	12.05	20.83	3.19	1.6	320.4	9.55	1.0	104.5	0.08	0.00	0.01
21	28	9	76	6.9	239.2	11.91	20.34	1.18	5.9	227.3	12.07	4.9	215.0	-0.05	0.00	0.00
22	28	9	76	5.9	234.2	11.73	20.42	2.53	5.4	218.2	11.96	4.8	199.9	-0.25	0.00	0.00
23	28	9	76	3.7	205.8	11.69	20.78	5.81	4.1	187.3	11.57	3.8	173.8	-0.37	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
0	29	9	76	5.5	215.1	11.31	20.82	5.33	5.5	190.3	11.50	5.6	177.1	-0.27	0.00	0.00
1	29	9	76	3.6	224.9	11.39	20.76	5.01	3.4	200.5	11.17	3.6	180.5	-0.05	0.00	0.00
2	29	9	76	1.7	116.0	11.04	21.01	8.84	2.4	251.3	10.74	2.1	207.5	-0.50	0.00	0.00
3	29	9	76	1.0	273.4	11.15	22.02	4.38	1.4	356.5	7.48	0.9	206.1	-0.24	0.00	0.00
4	29	9	76	9.0	261.8	11.02	20.70	1.58	9.3	269.2	11.84	8.1	278.8	-0.57	0.00	0.00
5	29	9	76	2.8	333.5	8.09	21.76	28.20	3.2	351.5	8.79	4.6	276.1	-2.19	0.00	0.00
6	29	9	76	3.5	215.3	8.01	22.95	12.20	4.0	203.4	8.38	3.4	200.4	-1.62	0.00	0.00
7	29	9	76	2.6	275.7	8.78	21.93	4.52	2.2	294.3	9.70	2.0	220.8	-0.69	0.00	0.08
8	29	9	76	3.1	59.7	9.79	20.33	9.00	2.8	73.2	11.81	2.9	130.8	0.10	0.00	0.33
9	29	9	76	4.5	89.8	11.38	19.35	10.88	4.8	91.0	11.82	4.3	100.2	0.49	0.00	0.62
10	29	9	76	4.9	71.3	13.15	18.49	10.65	5.2	71.1	13.40	5.7	78.0	0.63	0.00	0.88
11	29	9	76	5.2	68.2	14.76	17.56	18.95	5.2	59.0	15.00	5.6	71.9	0.62	0.00	1.05
12	29	9	76	5.8	102.7	15.67	16.76	17.29	6.7	98.5	15.61	6.8	98.6	0.73	0.00	1.16
13	29	9	76	8.9	22.4	16.77	17.56	23.67	9.3	28.4	16.54	9.2	33.0	0.91	0.00	1.15
14	29	9	76	7.1	68.7	16.95	16.52	16.08	7.6	51.3	17.05	7.8	44.9	0.61	0.00	1.06
15	29	9	76	5.6	297.0	17.49	16.95	17.62	6.2	293.1	17.50	6.1	298.0	0.80	0.00	0.89
16	29	9	76	5.1	8.3	17.62	16.79	26.54	6.0	356.2	17.81	6.3	357.8	0.79	0.00	0.63
17	29	9	76	6.2	0.7	17.29	17.43	27.03	7.0	354.7	17.41	6.9	354.4	0.69	0.00	0.34
18	29	9	76	3.0	342.0	15.58	18.71	27.12	4.7	12.9	15.92	6.1	26.5	-0.20	0.00	0.08
19	29	9	76	4.5	279.8	14.38	19.71	6.07	4.6	300.3	14.45	4.9	320.5	-0.08	0.00	0.01
20	29	9	76	3.2	283.0	15.13	19.45	3.19	3.6	301.3	14.81	3.3	319.1	0.21	0.00	0.00
21	29	9	76	3.4	247.9	14.69	19.68	7.69	3.3	282.5	14.65	2.6	295.7	-0.33	0.00	0.00
22	29	9	76	5.7	237.0	15.06	19.18	1.11	4.9	228.3	14.31	3.6	212.0	-0.08	0.00	0.00
23	29	9	76	6.9	239.1	14.69	19.21	2.58	7.0	232.3	15.04	6.6	216.0	-0.23	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	30	9	76	9.9	251.5	14.67	19.16	1.38	9.1	243.7	15.30	8.2	243.3	-0.36	0.00	0.00
1	30	9	76	12.4	252.8	13.44	19.64	0.85	12.1	249.5	14.66	11.7	256.9	-0.82	0.00	0.00
2	30	9	76	9.9	255.2	13.39	19.65	1.86	10.8	262.6	14.29	11.0	275.0	-0.63	0.00	0.00
3	30	9	76	10.4	257.8	13.57	19.61	1.46	9.3	260.2	14.11	8.5	268.0	-0.10	0.00	0.00
4	30	9	76	8.4	253.4	13.56	19.69	1.49	8.6	250.8	13.92	8.4	254.0	0.03	0.00	0.00
5	30	9	76	7.8	241.2	13.07	19.79	1.27	8.2	241.9	13.40	8.3	245.5	-0.03	0.00	0.00
6	30	9	76	5.7	256.8	12.72	20.00	0.78	6.4	255.8	12.93	7.5	248.1	-0.04	0.00	0.00
7	30	9	76	8.5	248.9	12.84	19.80	1.30	8.0	238.3	13.60	7.9	240.8	-0.58	0.00	0.08
8	30	9	76	3.1	69.6	13.20	19.17	18.08	3.9	125.4	14.57	4.9	186.4	-0.28	0.00	0.33
9	30	9	76	10.6	184.1	15.61	18.54	8.82	11.3	187.9	15.41	10.9	204.5	0.66	0.00	0.63
10	30	9	76	16.1	258.4	16.30	18.06	11.45	11.2	255.0	16.05	11.2	256.3	0.75	0.00	0.88
11	30	9	76	9.9	263.7	17.14	17.57	10.95	11.1	257.5	16.81	11.1	253.0	0.82	0.00	1.05
12	30	9	76	10.2	265.4	17.90	17.17	12.04	11.6	265.1	17.37	11.9	263.2	1.01	0.00	1.16
13	30	9	76	7.7	304.3	18.72	16.77	22.36	9.0	294.5	18.12	9.0	296.2	1.19	0.00	1.14
14	30	9	76	5.2	285.5	19.18	15.72	22.27	5.9	280.8	19.14	6.2	278.5	0.91	0.00	1.06
15	30	9	76	6.0	310.7	19.49	16.17	22.01	7.1	307.1	19.36	6.9	307.5	0.92	0.00	0.88
16	30	9	76	5.3	176.6	19.39	15.15	15.52	6.4	176.9	19.69	6.3	200.1	0.65	0.00	0.62
17	30	9	76	4.7	207.1	18.91	15.91	12.87	5.6	207.8	19.33	6.0	222.1	0.44	0.00	0.33
18	30	9	76	3.9	295.2	16.71	18.09	14.29	5.0	284.2	17.08	6.5	277.8	-0.31	0.00	0.08
19	30	9	76	7.0	253.3	15.21	19.09	8.02	7.7	235.4	15.57	11.3	219.7	-0.95	0.00	0.01
20	30	9	76	10.1	262.7	14.94	19.15	4.71	12.4	257.7	15.56	14.8	248.2	-0.52	0.00	0.01
21	30	9	76	11.7	257.4	15.46	18.90	1.91	13.5	257.6	16.80	13.6	260.8	-1.19	0.00	0.01
22	30	9	76	2.5	271.3	13.02	20.43	22.42	2.7	21.7	12.17	3.1	335.6	-0.90	0.00	0.01
23	30	9	76	8.7	255.0	15.93	18.82	1.24	9.2	253.6	16.41	8.9	260.2	-0.22	0.00	0.01

RIO BLANCO OIL SHALE PROJECT · 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	1	10	76	6.7	246.0	15.70	18.85	0.98	6.5	245.7	16.01	7.2	251.4	-0.36	0.00	0.01
1	1	10	76	8.6	246.8	15.01	19.07	0.80	8.6	241.5	15.65	9.8	243.0	-0.83	0.00	0.01
2	1	10	76	8.1	244.4	14.68	19.18	3.82	8.8	240.3	15.15	10.0	227.1	-0.82	0.00	0.01
3	1	10	76	3.2	194.3	12.95	19.72	17.01	5.6	236.1	14.13	7.6	251.0	-1.90	0.00	0.01
4	1	10	76	1.8	92.5	12.48	20.97	13.85	2.1	354.2	11.90	2.1	312.5	-0.99	0.00	0.01
5	1	10	76	2.5	355.7	11.94	20.77	11.75	2.3	3.1	11.33	3.2	61.3	-0.63	0.00	0.00
6	1	10	76	2.0	286.8	11.17	21.63	9.02	1.7	351.0	9.10	1.9	66.7	-0.13	0.00	0.01
7	1	10	76	4.4	292.7	12.24	20.34	3.47	4.6	319.0	12.68	4.3	320.4	-0.34	0.00	0.07
8	1	10	76	3.1	71.3	14.31	18.71	9.15	2.9	67.2	15.58	1.8	106.1	0.34	0.00	0.32
9	1	10	76	4.1	74.4	14.87	18.13	8.80	4.3	78.2	15.39	3.9	102.6	0.45	0.00	0.50
10	1	10	76	4.3	72.6	16.13	17.32	13.15	4.6	68.4	16.43	5.1	70.7	0.52	0.00	0.62
11	1	10	76	5.6	84.5	17.95	16.54	15.23	6.3	81.8	17.88	7.0	92.5	0.76	0.00	0.83
12	1	10	76	4.5	72.1	19.57	15.59	19.90	5.5	54.7	19.66	5.8	53.7	0.71	0.00	0.99
13	1	10	76	8.4	195.4	21.50	15.46	16.68	9.9	193.2	21.04	10.1	202.2	1.23	0.00	1.12
14	1	10	76	8.6	250.2	20.81	16.35	13.59	9.7	244.4	20.52	10.7	246.5	0.86	0.00	0.82
15	1	10	76	9.8	228.1	20.87	16.33	17.51	12.5	222.1	20.57	15.4	233.3	1.02	0.00	0.66
16	1	10	76	6.9	229.4	20.50	16.26	18.44	9.0	224.3	20.41	10.1	231.9	0.92	0.00	0.52
17	1	10	76	6.0	224.2	18.90	17.29	15.87	7.6	221.5	18.98	10.1	230.3	0.55	0.00	0.26
18	1	10	76	6.0	252.0	17.55	18.09	12.50	7.4	229.9	17.66	12.3	232.7	0.11	0.00	0.06
19	1	10	76	9.7	264.9	16.84	18.41	9.64	10.6	242.3	17.00	15.2	241.1	0.17	0.00	0.01
20	1	10	76	7.2	247.6	16.57	18.55	15.35	8.3	234.5	16.65	13.5	228.7	0.15	0.00	0.00
21	1	10	76	7.9	245.2	16.37	18.56	16.10	8.8	230.2	16.46	14.6	229.2	0.22	0.00	0.00
22	1	10	76	6.5	213.3	15.55	19.00	16.84	8.4	214.5	15.72	11.9	224.8	0.12	0.00	0.00
23	1	10	76	8.1	246.4	15.19	19.17	15.95	9.3	232.6	15.30	14.4	233.8	0.15	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	2	10	76	5.9	206.7	14.86	19.30	14.51	7.0	220.1	15.00	12.5	232.1	0.05	0.00	0.00
1	2	10	76	6.6	242.1	14.46	19.41	16.94	7.6	233.7	14.56	13.6	231.3	0.07	0.00	0.00
2	2	10	76	8.1	257.7	13.65	19.60	4.44	9.7	245.8	14.20	12.6	243.2	-0.53	0.00	0.00
3	2	10	76	3.8	276.0	12.80	20.12	14.49	5.1	263.1	13.11	7.8	243.8	-0.25	0.00	0.00
4	2	10	76	3.3	261.0	12.50	20.29	10.99	4.2	248.1	12.65	6.8	231.3	-0.05	0.00	0.00
5	2	10	76	3.3	242.7	12.00	20.43	12.17	4.4	211.7	12.31	6.4	202.6	-0.34	0.00	0.00
6	2	10	76	3.6	209.4	11.88	20.51	2.80	4.0	198.6	12.01	4.1	208.7	-0.11	0.00	0.00
7	2	10	76	3.3	215.5	12.08	20.25	9.54	4.3	205.8	12.45	5.3	186.9	-0.32	0.00	0.03
8	2	10	76	7.1	204.5	12.80	20.01	16.09	8.9	206.8	13.02	12.4	220.2	0.12	0.00	0.09
9	2	10	76	20.0	188.0	13.27	19.68	10.66	26.3	184.3	13.03	27.0	189.4	0.40	0.00	0.27
10	2	10	76	14.8	183.7	12.07	20.45	15.24	18.1	183.4	11.90	18.6	189.2	0.71	0.00	0.28
11	2	10	76	11.7	197.5	13.59	19.66	14.55	15.8	195.0	13.05	17.2	202.8	1.11	0.00	0.61
12	2	10	76	12.8	180.4	13.37	19.91	11.36	15.6	177.6	13.16	15.9	182.7	0.81	0.00	0.48
13	2	10	76	17.8	209.8	10.45	38.25	15.14	23.4	207.3	9.78	31.2	218.7	0.27	0.00	0.31
14	2	10	76	12.3	233.9	11.97	28.82	15.71	17.4	197.8	11.58	20.5	214.5	0.85	0.01	0.69
15	2	10	76	11.9	238.1	12.07	23.51	17.08	13.5	237.8	11.92	15.8	228.5	0.75	0.00	0.56
16	2	10	76	4.9	291.5	10.25	30.79	15.83	5.7	248.5	10.35	7.2	238.2	0.55	0.00	0.22
17	2	10	76	11.5	319.2	6.89	60.10	7.80	13.1	318.2	6.93	14.6	318.2	0.54	0.00	0.08
18	2	10	76	9.6	247.6	7.06	55.61	10.27	11.3	244.0	7.14	14.3	257.9	0.28	0.00	0.02
19	2	10	76	8.6	191.9	5.55	69.32	14.59	12.3	186.6	5.27	14.0	194.5	0.44	0.21	0.00
20	2	10	76	3.3	76.4	5.04	69.66	14.35	3.3	86.1	4.91	2.2	155.6	-0.30	0.00	0.00
21	2	10	76	3.2	283.6	4.87	71.90	19.38	3.6	253.0	4.96	6.8	223.1	-0.05	0.00	0.00
22	2	10	76	6.4	213.1	5.67	62.23	24.18	8.1	216.3	5.79	13.0	230.5	0.15	0.00	0.00
23	2	10	76	3.9	175.8	6.08	62.58	27.12	5.9	197.3	6.19	9.0	219.0	0.27	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	3	10	76	4.4	183.2	5.94	63.02	20.33	6.3	201.5	6.35	10.0	225.4	-0.01	0.00	0.00
1	3	10	76	4.2	240.2	5.76	60.00	21.95	5.1	231.7	5.89	6.9	242.8	0.32	0.00	0.00
2	3	10	76	3.9	71.5	5.57	57.85	17.46	4.4	87.8	5.72	5.4	240.2	0.21	0.00	0.00
3	3	10	76	3.4	49.5	5.43	58.63	15.00	3.2	32.3	5.50	4.1	218.0	0.28	0.00	0.00
4	3	10	76	4.3	104.7	5.34	55.44	9.80	5.2	113.6	5.80	4.3	141.7	0.19	0.00	0.00
5	3	10	76	2.7	173.5	5.68	57.95	5.83	3.5	188.9	6.02	4.2	221.5	0.28	0.00	0.00
6	3	10	76	7.2	251.0	6.18	49.71	11.32	9.2	242.3	6.49	11.8	248.6	0.54	0.00	0.00
7	3	10	76	11.7	255.1	6.08	47.17	8.68	14.2	248.1	6.45	17.1	252.6	0.63	0.00	0.03
8	3	10	76	11.9	261.9	6.35	44.86	8.78	14.1	259.8	6.64	15.8	261.8	0.65	0.00	0.12
9	3	10	76	17.4	261.0	7.27	36.14	8.75	20.3	260.9	7.07	22.4	261.1	0.56	0.00	0.52
10	3	10	76	12.1	258.8	8.30	28.42	14.20	14.3	256.3	7.98	16.8	259.3	0.84	0.00	0.88
11	3	10	76	7.2	242.5	8.89	26.54	20.12	8.6	242.4	8.92	9.9	238.0	0.73	0.00	0.71
12	3	10	76	11.1	289.3	9.93	24.07	9.86	12.1	283.4	9.61	13.0	286.7	0.87	0.00	0.69
13	3	10	76	9.0	308.3	10.52	22.66	13.79	9.7	301.5	10.20	10.1	299.1	0.82	0.00	0.98
14	3	10	76	12.0	305.2	10.67	21.82	9.83	13.2	302.6	10.32	14.2	302.4	0.84	0.00	0.89
15	3	10	76	13.3	310.5	11.24	21.53	10.59	14.9	304.3	10.77	15.2	303.6	0.87	0.00	0.88
16	3	10	76	10.3	308.3	10.29	22.54	8.91	11.6	302.2	10.23	13.6	304.4	0.73	0.00	0.49
17	3	10	76	11.9	328.5	9.97	22.94	10.18	13.1	322.9	10.03	13.8	324.3	0.58	0.00	0.25
18	3	10	76	8.7	333.4	8.78	24.31	8.05	10.4	330.2	9.08	11.8	333.6	0.18	0.00	0.06
19	3	10	76	5.4	18.0	7.90	25.97	6.18	6.9	16.7	8.12	7.8	14.3	0.31	0.00	0.01
20	3	10	76	5.6	341.3	7.28	27.01	12.28	6.7	352.4	7.60	8.0	6.3	0.13	0.00	0.00
21	3	10	76	4.4	358.5	6.89	25.39	29.08	6.1	18.6	7.24	7.2	25.0	0.02	0.00	0.00
22	3	10	76	6.9	23.1	5.27	26.98	6.56	8.8	24.2	5.54	9.8	28.0	0.20	0.00	0.00
23	3	10	76	6.1	3.9	4.05	28.02	25.76	7.9	9.6	4.40	9.3	16.3	0.06	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	4	10	76	5.2	303.0	3.26	28.75	8.72	5.4	319.5	3.46	5.6	347.7	0.12	0.00	0.00
1	4	10	76	4.8	302.5	2.78	28.80	6.48	4.8	335.1	3.04	5.6	9.1	-0.08	0.00	0.00
2	4	10	76	2.4	285.2	2.59	30.75	6.56	2.1	19.7	1.84	3.1	87.9	-0.09	0.00	0.00
3	4	10	76	1.8	286.1	2.34	31.51	22.19	2.5	49.4	1.94	4.6	60.3	0.05	0.00	0.00
4	4	10	76	2.4	231.1	2.12	31.88	6.28	1.6	8.1	0.42	2.9	80.1	-0.01	0.00	0.00
5	4	10	76	2.5	191.3	2.17	32.85	6.02	2.5	132.2	1.70	2.7	103.9	0.23	0.00	0.00
6	4	10	76	4.3	211.6	1.63	31.34	5.04	4.8	193.3	2.01	4.3	172.5	-0.30	0.00	0.00
7	4	10	76	5.2	235.3	2.27	29.58	2.83	4.3	218.9	2.66	3.7	186.9	-0.02	0.00	0.07
8	4	10	76	3.7	355.7	3.40	26.62	27.84	4.2	358.0	3.65	4.3	355.5	0.62	0.00	0.21
9	4	10	76	5.2	38.4	4.48	24.79	17.73	5.4	37.1	4.91	5.6	38.7	0.56	0.00	0.49
10	4	10	76	6.2	45.9	5.87	22.25	12.77	6.3	44.0	6.31	5.9	41.9	0.62	0.00	0.83
11	4	10	76	4.4	58.3	7.22	20.68	21.36	4.5	48.6	7.92	4.2	59.1	0.52	0.00	0.96
12	4	10	76	7.6	85.3	8.33	19.91	12.93	8.6	78.3	8.39	8.8	79.6	0.81	0.00	1.06
13	4	10	76	6.3	98.9	8.89	19.15	14.42	7.2	92.4	8.91	7.6	101.0	0.74	0.00	1.04
14	4	10	76	6.1	275.5	9.50	20.22	13.02	6.6	276.7	9.58	6.3	286.7	0.72	0.00	0.76
15	4	10	76	9.2	321.9	10.24	20.19	21.12	9.9	318.7	10.02	10.5	324.9	0.94	0.00	0.82
16	4	10	76	8.1	300.2	9.90	20.33	9.47	8.6	298.1	9.91	8.5	301.3	0.69	0.00	0.56
17	4	10	76	8.0	315.5	9.48	20.59	7.46	9.0	309.7	9.60	9.0	307.8	0.58	0.00	0.30
18	4	10	76	4.1	294.5	8.02	21.77	5.78	5.6	312.2	8.31	6.4	313.8	0.10	0.00	0.06
19	4	10	76	1.6	165.8	6.44	23.05	27.50	3.1	283.8	6.33	5.8	287.5	-0.49	0.00	0.01
20	4	10	76	2.6	259.1	6.23	23.15	12.30	4.9	283.7	6.65	6.0	306.6	-0.59	0.00	0.00
21	4	10	76	9.6	285.5	6.26	22.53	4.32	12.9	297.4	7.97	13.1	308.6	-1.94	0.00	0.00
22	4	10	76	8.1	299.0	6.16	22.56	3.79	9.1	313.5	7.54	10.2	326.2	-1.65	0.00	0.00
23	4	10	76	2.9	327.7	5.16	23.21	29.45	5.9	5.4	5.83	9.1	18.3	-0.64	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	5	10	76	4.4	286.6	4.37	24.05	11.09	4.3	320.1	4.46	6.7	0.9	-0.23	0.00	0.00
1	5	10	76	2.1	352.2	4.07	25.54	25.29	3.6	45.5	3.57	5.6	56.0	-0.13	0.00	0.00
2	5	10	76	1.8	290.1	3.32	27.12	22.58	2.2	26.1	2.78	3.4	65.6	-0.04	0.00	0.00
3	5	10	76	1.6	281.2	3.36	28.79	5.86	1.3	21.7	1.08	2.4	40.4	0.07	0.00	0.00
4	5	10	76	3.5	322.8	2.80	27.39	16.25	3.8	1.8	2.97	6.1	30.6	-0.25	0.00	0.00
5	5	10	76	2.7	256.5	2.49	28.12	9.15	1.7	353.9	1.36	3.4	88.3	-0.35	0.00	0.00
6	5	10	76	2.5	190.8	2.95	30.97	3.49	2.6	155.8	1.57	3.5	119.5	0.04	0.00	0.00
7	5	10	76	2.2	180.3	3.05	27.52	8.84	2.6	144.4	3.45	3.2	129.6	0.35	0.00	0.06
8	5	10	76	2.8	159.9	3.80	23.92	12.48	3.2	161.0	5.08	3.1	159.7	0.47	0.00	0.30
9	5	10	76	5.1	154.9	5.06	22.79	14.66	5.5	155.1	5.41	6.1	144.8	0.68	0.00	0.59
10	5	10	76	4.7	147.8	6.48	20.88	22.29	4.8	133.1	7.10	5.1	144.6	0.75	0.00	0.84
11	5	10	76	5.7	98.6	8.01	20.11	16.61	6.0	97.5	8.16	5.4	105.0	0.77	0.00	0.99
12	5	10	76	7.7	273.4	9.95	19.56	18.32	8.5	264.4	9.82	8.4	272.6	0.92	0.00	1.06
13	5	10	76	8.1	250.7	9.79	20.67	10.14	8.4	247.9	9.69	9.2	247.9	0.81	0.00	0.65
14	5	10	76	11.2	266.1	10.49	20.11	11.07	12.3	263.5	10.25	13.3	264.9	0.71	0.00	0.67
15	5	10	76	13.4	279.5	10.70	20.28	8.55	15.4	274.0	10.33	16.3	275.8	0.80	0.00	0.77
16	5	10	76	11.0	276.5	10.87	20.54	11.24	12.6	275.8	10.81	14.6	277.4	0.66	0.00	0.35
17	5	10	76	10.5	285.9	10.50	20.63	8.59	11.7	283.3	10.54	12.6	284.9	0.59	0.00	0.18
18	5	10	76	5.2	274.3	9.46	21.22	2.27	5.4	282.1	9.67	6.2	286.0	0.23	0.00	0.05
19	5	10	76	5.8	267.6	7.73	22.28	7.87	5.9	244.0	8.02	9.6	224.7	-0.22	0.00	0.01
20	5	10	76	5.3	240.7	7.39	22.84	6.24	6.6	233.4	7.58	9.1	231.3	-0.11	0.00	0.00
21	5	10	76	11.7	247.9	7.56	22.51	5.70	15.3	252.3	8.38	18.3	257.8	-0.59	0.00	0.00
22	5	10	76	12.1	271.2	8.18	22.07	8.07	15.8	270.5	8.60	19.5	280.0	0.00	0.00	0.00
23	5	10	76	9.1	284.9	7.74	22.22	7.20	12.6	285.8	8.31	15.9	294.4	-0.28	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	6	10	76	7.1	302.1	6.89	22.65	5.78	9.5	297.7	7.45	13.2	298.4	-0.40	0.00	0.00
1	6	10	76	7.7	263.5	6.94	22.70	8.87	11.2	269.7	7.47	13.1	283.4	-0.40	0.00	0.00
2	6	10	76	8.3	262.6	6.83	22.70	5.70	11.1	269.5	7.47	11.9	281.5	-0.34	0.00	0.00
3	6	10	76	9.0	242.0	6.48	22.86	4.41	10.0	256.6	7.47	10.3	270.7	-0.72	0.00	0.00
4	6	10	76	9.6	247.0	6.48	22.82	2.38	10.2	246.6	7.21	9.4	250.7	-0.41	0.00	0.00
5	6	10	76	10.3	245.5	6.19	22.97	4.15	12.0	250.7	6.97	11.7	261.4	-0.65	0.00	0.00
6	6	10	76	8.3	271.9	6.12	23.15	5.98	11.2	280.6	6.85	11.8	296.2	-0.47	0.00	0.00
7	6	10	76	7.7	289.1	6.03	23.27	5.84	10.0	293.6	6.86	10.9	303.5	-0.16	0.00	0.06
8	6	10	76	11.8	337.5	7.80	22.32	20.21	13.7	330.5	7.81	13.6	335.1	0.66	0.00	0.32
9	6	10	76	16.9	336.9	8.08	22.08	20.78	19.1	336.3	7.89	20.6	341.3	0.70	0.00	0.59
10	6	10	76	18.3	349.3	8.05	21.88	27.89	20.6	343.8	7.96	21.9	346.2	0.63	0.00	0.61
11	6	10	76	19.5	30.0	5.67	24.83	8.88	21.2	28.9	5.50	22.0	25.4	0.87	0.00	0.68
12	6	10	76	19.6	31.4	3.15	36.15	9.62	22.9	28.4	2.82	23.3	29.4	0.95	0.00	0.88
13	6	10	76	19.9	45.8	2.24	32.20	7.89	22.6	43.0	2.17	24.5	44.1	0.71	0.00	0.59
14	6	10	76	13.9	53.2	3.24	26.50	10.29	16.5	51.4	3.17	17.2	53.4	0.77	0.00	0.36
15	6	10	76	17.5	44.1	3.93	24.58	8.52	19.7	44.6	3.93	20.5	47.4	0.66	0.00	0.27
16	6	10	76	16.9	52.8	4.00	23.88	7.12	19.2	50.4	3.91	19.3	51.2	0.84	0.00	0.40
17	6	10	76	14.6	41.4	4.09	23.41	8.18	16.9	38.6	4.28	17.0	38.0	0.54	0.00	0.24
18	6	10	76	11.0	34.2	3.02	24.44	6.90	13.1	35.3	3.24	14.2	37.8	0.25	0.00	0.05
19	6	10	76	14.4	40.5	2.04	24.88	6.02	17.6	38.9	2.37	21.1	41.7	-0.07	0.00	0.01
20	6	10	76	9.5	58.4	1.79	24.89	8.55	11.9	60.1	2.04	13.4	62.2	0.22	0.00	0.00
21	6	10	76	5.7	79.8	1.31	25.20	8.49	7.5	75.0	1.50	9.9	72.4	0.32	0.00	0.00
22	6	10	76	8.7	9.4	0.83	25.61	25.15	9.7	11.9	1.03	10.3	17.2	0.29	0.00	0.00
23	6	10	76	13.9	20.6	-0.19	26.75	7.64	16.0	19.5	0.08	18.2	19.4	0.21	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	7	10	76	16.4	21.3	-1.00	31.55	6.29	19.7	19.2	-0.69	22.0	21.7	0.13	0.00	0.00
1	7	10	76	12.8	17.4	-0.50	29.12	11.03	16.4	18.5	-0.16	18.4	24.1	-0.04	0.00	0.00
2	7	10	76	9.5	26.4	-0.13	27.53	5.64	11.5	26.4	0.17	13.2	34.9	0.02	0.00	0.00
3	7	10	76	12.6	17.3	-1.34	32.20	9.50	14.9	14.6	-1.13	15.6	14.2	0.40	0.00	0.00
4	7	10	76	11.5	352.3	-1.95	36.56	30.42	14.4	352.5	-1.54	15.9	0.9	-0.02	0.00	0.00
5	7	10	76	10.1	359.7	-2.83	43.28	33.71	13.4	359.3	-2.43	15.5	4.4	-0.05	0.00	0.00
6	7	10	76	6.0	18.8	-2.72	41.92	26.64	9.6	15.9	-2.32	13.0	17.7	-0.22	0.00	0.00
7	7	10	76	3.6	116.9	-2.94	42.43	9.17	4.0	85.4	-1.69	4.8	65.5	0.26	0.00	0.07
8	7	10	76	3.0	88.9	-1.69	31.65	17.57	3.3	83.3	-0.37	3.6	72.1	0.46	0.00	0.30
9	7	10	76	5.4	54.5	0.20	26.57	10.61	5.9	52.9	0.69	6.3	53.2	0.50	0.00	0.58
10	7	10	76	5.5	30.1	1.81	23.96	21.86	6.4	37.5	2.05	6.6	47.8	0.77	0.00	0.84
11	7	10	76	10.1	46.5	2.64	23.21	12.90	11.7	46.8	2.51	11.7	45.8	0.94	0.00	1.01
12	7	10	76	7.9	16.2	3.96	22.74	29.43	8.7	7.1	3.65	8.3	8.8	1.02	0.00	1.12
13	7	10	76	6.4	128.5	4.65	21.04	13.41	6.9	118.6	4.61	7.0	116.0	0.78	0.00	1.11
14	7	10	76	6.0	27.4	6.11	21.15	24.84	7.1	22.1	6.27	7.0	29.0	0.82	0.00	1.01
15	7	10	76	5.4	79.4	6.39	20.45	12.24	5.9	72.6	6.53	6.2	70.7	0.71	0.00	0.82
16	7	10	76	5.4	72.9	6.95	19.79	14.15	5.7	65.1	7.28	6.3	66.1	0.64	0.00	0.57
17	7	10	76	2.6	160.6	6.69	19.33	12.67	3.0	125.5	7.44	3.1	115.8	0.42	0.00	0.28
18	7	10	76	3.0	139.1	5.83	22.40	6.54	4.2	116.5	5.85	4.7	117.1	0.14	0.00	0.05
19	7	10	76	3.6	241.7	5.24	23.29	4.35	3.1	246.5	4.50	3.4	213.9	0.05	0.00	0.01
20	7	10	76	2.9	189.3	4.75	23.57	5.68	3.9	168.5	4.80	5.2	158.8	-0.32	0.00	0.00
21	7	10	76	3.6	203.0	4.58	23.64	6.99	4.1	191.2	4.60	5.0	175.4	-0.12	0.00	0.00
22	7	10	76	5.0	235.2	4.80	23.21	4.91	5.4	212.6	4.96	5.4	197.7	0.02	0.00	0.00
23	7	10	76	5.6	248.9	5.11	23.09	3.27	5.3	234.5	5.20	5.2	211.9	0.09	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	8	10	76	5.0	295.8	4.28	23.45	4.91	4.8	317.7	4.72	3.9	333.5	-0.65	0.00	0.00
1	8	10	76	2.6	275.9	4.68	23.72	7.72	2.6	312.6	4.14	1.8	341.5	-0.04	0.00	0.00
2	8	10	76	2.2	313.4	4.56	23.92	5.44	2.1	332.3	3.76	1.3	323.0	0.01	0.00	0.00
3	8	10	76	1.7	288.9	3.97	24.26	7.10	1.5	45.4	0.82	1.8	129.3	-0.24	0.00	0.00
4	8	10	76	1.8	276.1	4.09	24.34	5.53	1.9	315.8	2.24	1.5	249.9	0.13	0.00	0.00
5	8	10	76	3.2	226.4	4.05	23.96	8.61	2.4	235.8	2.15	1.7	208.1	-0.14	0.00	0.00
6	8	10	76	2.1	82.0	4.29	23.64	7.06	2.4	78.7	3.56	2.6	182.8	-0.30	0.00	0.00
7	8	10	76	1.2	258.0	3.28	24.31	6.55	1.8	63.6	4.18	1.8	195.2	-0.83	0.00	0.05
8	8	10	76	3.2	122.4	5.36	22.38	10.95	3.1	126.1	6.50	3.1	145.7	0.35	0.00	0.29
9	8	10	76	3.7	156.2	7.02	21.08	16.94	4.1	143.0	7.85	4.1	140.0	0.50	0.00	0.57
10	8	10	76	5.3	103.0	8.88	19.93	12.85	5.8	101.1	9.08	6.5	111.5	0.78	0.00	0.83
11	8	10	76	5.5	87.7	10.64	18.88	14.26	5.9	79.2	10.80	5.7	78.4	0.69	0.00	1.01
12	8	10	76	6.1	50.6	12.48	18.29	20.10	6.4	46.9	12.49	6.8	49.8	0.89	0.00	1.11
13	8	10	76	4.6	77.4	13.32	17.19	17.45	5.4	75.4	13.35	5.7	83.8	0.73	0.00	1.10
14	8	10	76	6.0	72.9	14.23	16.96	15.59	6.5	63.0	14.29	6.6	71.0	0.77	0.00	1.01
15	8	10	76	5.0	78.1	15.22	15.95	18.10	5.4	67.9	15.65	5.2	67.9	0.72	0.00	0.82
16	8	10	76	3.6	73.1	15.50	15.72	15.22	4.1	57.1	15.94	3.9	59.4	0.53	0.00	0.57
17	8	10	76	6.0	295.2	14.32	18.55	7.34	7.2	295.9	14.52	7.5	300.6	0.56	0.00	0.28
18	8	10	76	6.9	247.1	12.85	19.95	3.02	6.0	245.5	13.12	4.7	234.4	-0.23	0.00	0.05
19	8	10	76	9.7	243.8	11.79	20.40	2.96	9.5	244.3	13.13	7.9	240.1	-1.22	0.00	0.01
20	8	10	76	6.2	215.9	10.43	20.97	6.54	7.4	199.9	11.48	7.7	201.3	-1.18	0.00	0.00
21	8	10	76	4.9	208.4	10.66	21.07	6.46	5.8	199.2	11.15	6.1	186.2	-0.66	0.00	0.01
22	8	10	76	2.3	161.4	10.56	21.43	15.48	3.6	203.8	10.59	5.3	185.3	-0.58	0.00	0.00
23	8	10	76	1.9	214.2	10.84	21.73	8.64	3.1	141.8	9.48	4.6	148.4	-0.30	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	9	10	76	4.3	309.0	10.48	21.26	3.54	3.5	324.5	10.34	1.4	37.9	-0.74	0.00	0.01
1	9	10	76	2.7	305.1	10.57	21.32	4.36	2.6	345.9	10.07	2.8	44.1	-0.51	0.00	0.00
2	9	10	76	3.3	354.5	8.84	21.96	24.16	2.7	19.1	7.82	2.8	57.9	-0.68	0.00	0.00
3	9	10	76	3.0	229.2	9.11	22.27	10.11	3.1	259.1	8.80	2.2	289.3	-0.60	0.00	0.00
4	9	10	76	5.6	236.6	10.98	20.90	2.97	4.4	215.6	10.84	3.9	199.0	-0.09	0.00	0.00
5	9	10	76	3.6	191.2	11.13	21.47	3.78	4.1	172.4	11.02	3.9	154.1	-0.25	0.00	0.00
6	9	10	76	1.9	91.9	7.80	22.82	5.05	2.1	81.2	7.52	1.8	280.9	-1.89	0.00	0.00
7	9	10	76	2.5	338.8	7.91	22.04	28.09	3.3	28.1	8.11	3.3	24.0	-0.73	0.00	0.05
8	9	10	76	2.4	60.5	9.49	20.57	7.82	2.5	57.2	11.27	0.9	96.3	0.16	0.00	0.28
9	9	10	76	4.2	69.2	12.28	18.93	10.46	4.1	66.6	13.15	3.7	81.5	0.43	0.00	0.56
10	9	10	76	6.8	88.0	13.18	18.43	10.04	8.0	80.9	13.04	8.1	76.6	0.77	0.00	0.81
11	9	10	76	5.2	93.2	14.69	17.07	11.48	5.4	82.8	14.70	5.9	84.3	0.67	0.00	0.98
12	9	10	76	4.3	78.1	17.08	15.83	19.55	4.3	66.5	17.41	3.7	68.7	0.68	0.00	1.08
13	9	10	76	7.6	265.5	17.96	16.41	13.32	8.2	261.9	17.67	8.2	259.3	0.80	0.00	1.09
14	9	10	76	7.2	241.0	18.81	16.24	12.14	8.1	239.7	18.67	8.5	239.7	0.75	0.00	1.00
15	9	10	76	7.7	263.5	19.10	16.16	13.08	8.8	260.8	18.93	9.0	260.6	0.84	0.00	0.81
16	9	10	76	7.6	282.7	18.82	16.49	10.46	8.7	278.7	18.78	8.9	284.7	0.78	0.00	0.56
17	9	10	76	7.0	289.9	17.65	17.39	5.96	8.7	290.3	17.91	10.0	293.6	0.33	0.00	0.27
18	9	10	76	8.4	271.4	15.63	18.91	3.85	10.6	281.2	16.64	11.2	295.7	-1.16	0.00	0.05
19	9	10	76	2.9	194.0	15.63	19.55	3.95	3.3	177.0	15.36	3.2	169.7	-0.34	0.00	0.01
20	9	10	76	5.5	215.6	14.17	19.51	7.27	6.3	211.1	15.08	6.8	198.2	-0.98	0.00	0.01
21	9	10	76	6.4	237.1	15.22	19.16	3.34	6.4	216.8	15.56	5.2	196.6	-0.46	0.00	0.01
22	9	10	76	6.4	231.5	15.86	18.92	2.31	5.9	212.3	16.07	5.5	203.8	-0.20	0.00	0.01
23	9	10	76	9.8	251.1	16.16	18.69	0.69	8.6	241.8	16.74	7.9	239.2	-0.47	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR **	DY **	MO **	YR **	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	10	10	76	12.3	255.5	14.58	19.23	1.69	12.9	252.6	15.84	12.7	258.5	-0.90	0.00	0.01
1	10	10	76	6.4	90.4	11.91	19.89	9.93	8.1	331.3	13.30	9.3	249.9	-1.85	0.00	0.01
2	10	10	76	2.2	219.8	12.00	21.16	9.98	2.6	235.1	11.27	2.7	206.6	-0.26	0.00	0.01
3	10	10	76	9.1	238.0	12.74	20.10	4.95	10.2	230.4	13.56	9.9	236.1	-1.13	0.00	0.01
4	10	10	76	4.4	243.0	12.83	20.22	4.29	3.9	248.6	12.68	3.7	256.1	-0.10	0.00	0.01
5	10	10	76	3.2	243.6	11.42	20.88	10.18	4.3	246.8	11.36	6.2	242.9	-0.02	0.00	0.01
6	10	10	76	2.1	159.0	11.59	21.45	4.81	2.3	127.8	10.43	2.6	226.6	0.17	0.00	0.01
7	10	10	76	2.3	5.8	11.08	21.05	26.58	1.8	32.2	11.35	1.9	116.8	-0.27	0.00	0.05
8	10	10	76	2.9	126.8	13.46	19.37	16.11	3.9	147.7	14.18	4.6	178.2	0.24	0.00	0.27
9	10	10	76	12.1	259.0	15.78	18.49	10.56	13.1	251.4	15.70	15.1	251.8	0.55	0.00	0.56
10	10	10	76	13.0	259.5	17.27	17.87	9.58	14.7	248.9	16.96	15.2	249.2	0.60	0.00	0.83
11	10	10	76	10.7	237.0	18.55	17.05	16.25	12.5	233.5	18.01	15.1	235.3	1.07	0.00	1.00
12	10	10	76	10.9	249.6	18.81	16.71	13.17	12.7	245.6	18.15	13.3	247.5	1.17	0.00	1.10
13	10	10	76	8.7	227.3	19.31	16.30	20.62	10.5	227.2	18.74	11.3	226.3	1.02	0.00	1.09
14	10	10	76	14.1	191.8	18.95	16.66	11.68	16.0	191.8	18.39	17.1	205.0	0.91	0.00	1.01
15	10	10	76	12.4	199.4	18.37	17.02	13.09	15.2	197.7	18.01	16.7	212.1	0.84	0.00	0.78
16	10	10	76	11.3	200.0	17.85	17.22	13.54	14.4	198.7	17.70	17.1	211.2	0.73	0.00	0.55
17	10	10	76	9.6	215.6	16.03	18.16	16.41	11.9	210.1	16.24	17.0	225.5	0.37	0.00	0.25
18	10	10	76	7.3	222.2	14.34	19.34	14.99	9.7	224.0	14.55	16.4	226.6	-0.01	0.00	0.05
19	10	10	76	8.5	216.2	13.46	19.71	12.96	11.9	224.2	13.81	20.1	225.1	-0.35	0.00	0.01
20	10	10	76	6.6	226.2	13.37	19.76	16.34	8.6	225.8	13.65	15.9	230.5	-0.17	0.00	0.01
21	10	10	76	11.1	280.8	13.18	19.77	7.63	10.1	260.4	13.42	11.3	228.1	0.11	0.00	0.01
22	10	10	76	9.7	270.1	12.96	19.87	5.21	10.6	257.0	13.35	12.1	242.7	-0.07	0.00	0.01
23	10	10	76	8.1	281.1	12.81	20.04	5.09	8.5	267.9	13.20	9.3	242.9	-0.15	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	11	10	76	5.2	275.9	12.27	20.30	12.59	6.8	274.5	12.85	8.1	242.9	-0.40	0.00	0.01
1	11	10	76	11.4	269.0	12.65	20.03	8.46	11.0	251.6	12.96	14.6	234.6	-0.01	0.00	0.01
2	11	10	76	9.6	271.7	11.65	20.35	8.53	9.1	254.6	12.15	10.6	227.7	-0.24	0.00	0.01
3	11	10	76	10.4	264.5	12.27	20.16	8.96	10.6	243.9	12.49	15.6	233.6	-0.02	0.00	0.01
4	11	10	76	6.3	265.8	11.40	20.58	10.02	6.9	239.6	11.84	11.6	229.6	-0.41	0.00	0.01
5	11	10	76	5.2	193.8	10.65	20.95	16.03	6.9	212.4	11.34	11.0	221.7	-0.86	0.00	0.01
6	11	10	76	2.6	321.1	9.91	21.38	23.42	4.1	310.8	10.28	4.4	269.8	-0.60	0.00	0.01
7	11	10	76	2.7	172.0	10.53	21.35	15.72	4.2	163.2	10.64	6.0	172.9	-0.17	0.00	0.02
8	11	10	76	3.7	131.3	11.36	20.75	5.54	4.9	135.9	11.56	5.3	149.3	-0.09	0.00	0.14
9	11	10	76	3.9	124.2	12.69	19.62	18.31	4.7	127.2	12.68	5.2	156.3	0.50	0.00	0.26
10	11	10	76	9.7	226.5	15.78	18.19	15.13	11.4	225.1	15.49	11.5	232.1	0.89	0.00	0.70
11	11	10	76	10.4	254.9	15.97	18.01	11.71	11.6	247.3	15.51	12.4	249.9	0.86	0.00	0.87
12	11	10	76	12.8	305.9	16.16	18.12	10.28	13.8	298.2	15.59	14.4	300.3	1.00	0.00	0.97
13	11	10	76	9.3	295.3	15.80	18.32	13.13	10.8	292.0	15.55	10.9	291.2	0.83	0.00	0.69
14	11	10	76	13.2	213.3	16.95	17.43	14.54	15.0	207.1	16.55	16.8	216.5	0.89	0.00	0.87
15	11	10	76	12.1	212.1	17.07	17.38	16.86	13.7	212.2	16.70	15.8	220.6	1.01	0.00	0.81
16	11	10	76	9.0	201.8	16.46	17.58	14.12	10.7	196.7	16.35	12.0	205.0	0.84	0.00	0.58
17	11	10	76	8.5	198.4	15.18	18.18	10.19	11.6	198.7	15.49	12.7	205.6	0.30	0.00	0.26
18	11	10	76	6.3	261.1	12.55	20.11	11.15	7.3	238.0	12.89	12.1	225.2	-0.61	0.00	0.05
19	11	10	76	10.7	248.7	12.76	19.94	3.75	12.4	243.0	13.46	12.4	241.7	-0.89	0.00	0.01
20	11	10	76	11.6	332.5	11.64	20.30	23.40	13.7	331.8	12.66	14.7	334.9	-0.81	0.00	0.01
21	11	10	76	5.5	326.3	9.78	21.26	14.94	7.7	357.8	10.87	9.5	9.1	-0.98	0.00	0.01
22	11	10	76	1.5	327.4	9.85	22.03	20.79	3.7	34.2	9.68	5.4	37.9	-0.18	0.00	0.01
23	11	10	76	3.9	301.4	9.17	21.80	6.49	3.6	344.3	9.34	4.1	15.8	-0.35	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
				WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	12	10	76	1.8	309.7	8.60	22.41	19.20	3.0	50.7	8.61	5.0	70.5	-0.38	0.00	0.01
1	12	10	76	6.9	316.3	6.83	22.63	6.44	8.7	347.2	8.33	10.2	7.8	-1.82	0.00	0.00
2	12	10	76	9.6	339.0	7.07	22.48	12.59	12.2	356.4	8.18	14.8	6.3	-1.09	0.00	0.01
3	12	10	76	9.7	346.0	6.34	22.83	21.11	12.1	358.3	7.33	14.8	8.9	-0.91	0.00	0.01
4	12	10	76	4.5	322.9	5.72	23.77	16.69	6.4	5.4	6.76	8.5	17.2	-1.12	0.00	0.00
5	12	10	76	4.6	325.1	5.11	24.68	14.63	6.7	0.4	6.10	9.0	16.9	-1.03	0.00	0.00
6	12	10	76	4.5	292.1	5.59	25.34	5.41	3.9	315.4	5.72	3.4	356.2	-0.16	0.00	0.00
7	12	10	76	4.9	314.3	4.95	25.46	8.98	6.7	333.0	5.60	9.2	357.5	-0.78	0.00	0.04
8	12	10	76	6.5	61.8	6.79	23.69	8.19	6.9	55.1	7.13	6.7	57.4	0.58	0.00	0.25
9	12	10	76	5.6	80.7	7.66	21.88	12.08	6.4	67.8	8.05	6.7	63.4	0.59	0.00	0.52
10	12	10	76	9.4	38.2	8.71	21.91	9.68	9.8	36.8	8.72	10.2	39.9	0.85	0.00	0.78
11	12	10	76	10.0	32.7	10.36	24.23	19.66	11.1	31.1	10.12	11.9	32.1	0.96	0.00	0.95
12	12	10	76	11.4	53.5	11.32	22.23	11.21	12.8	45.7	11.03	13.0	44.4	1.00	0.00	1.05
13	12	10	76	9.3	43.2	12.36	21.20	12.69	10.6	36.6	12.21	11.0	35.3	0.95	0.00	1.05
14	12	10	76	7.5	40.8	12.98	20.39	16.20	8.3	37.7	12.95	8.7	42.2	0.86	0.00	0.95
15	12	10	76	6.9	24.1	13.47	20.64	20.54	7.6	18.1	13.47	8.1	20.1	0.84	0.00	0.77
16	12	10	76	8.8	23.1	13.52	20.74	16.34	9.3	22.0	13.58	9.5	23.6	0.68	0.00	0.53
17	12	10	76	11.4	18.6	12.89	21.61	10.02	13.2	12.6	13.12	14.1	13.5	0.43	0.00	0.25
18	12	10	76	5.5	334.1	10.59	22.83	17.19	7.0	9.6	11.27	10.4	30.3	-0.94	0.00	0.04
19	12	10	76	6.6	325.4	9.32	23.38	8.69	10.0	353.7	10.58	12.5	14.8	-1.79	0.00	0.01
20	12	10	76	6.7	313.4	9.27	23.42	11.71	7.6	348.4	10.02	11.3	19.4	-1.55	0.00	0.01
21	12	10	76	6.3	307.6	8.65	23.66	12.10	7.5	345.2	9.46	11.0	19.3	-1.67	0.00	0.01
22	12	10	76	6.3	307.7	8.23	23.83	12.58	6.8	349.2	8.95	10.0	20.8	-1.52	0.00	0.01
23	12	10	76	5.8	302.1	8.29	23.83	7.44	6.4	331.0	8.95	7.9	7.8	-1.20	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	13	10	76	2.4	264.8	8.55	24.12	10.11	2.2	339.2	7.53	3.1	48.4	-0.62	0.00	0.01
1	13	10	76	4.6	306.6	8.32	23.90	4.45	4.4	344.0	8.66	4.6	21.6	-0.85	0.00	0.01
2	13	10	76	3.9	278.0	8.66	24.00	2.77	2.7	303.1	8.22	1.6	39.8	-0.28	0.00	0.01
3	13	10	76	6.6	298.8	7.93	23.92	4.77	6.4	320.2	8.52	5.8	358.0	-0.84	0.00	0.01
4	13	10	76	6.2	312.7	7.52	24.05	5.42	6.7	344.3	8.46	7.5	11.6	-1.17	0.00	0.01
5	13	10	76	5.3	311.0	7.25	24.30	18.44	4.9	331.4	7.30	5.5	350.8	0.13	0.00	0.01
6	13	10	76	4.3	317.9	6.80	24.47	7.05	5.1	323.8	7.00	6.0	334.9	0.07	0.00	0.01
7	13	10	76	5.2	295.3	7.19	24.23	3.68	5.1	313.5	7.54	4.9	331.8	0.02	0.00	0.04
8	13	10	76	2.9	278.9	9.20	23.17	11.71	3.0	297.0	9.63	3.3	305.5	0.53	0.00	0.26
9	13	10	76	3.0	73.5	11.08	21.39	24.88	3.3	63.9	12.74	3.0	66.9	0.64	0.00	0.53
10	13	10	76	5.7	93.9	11.35	20.89	11.04	6.4	82.0	11.42	6.7	80.2	0.71	0.00	0.79
11	13	10	76	4.7	65.8	12.53	19.84	12.49	5.2	68.1	12.82	5.9	76.2	0.62	0.00	0.96
12	13	10	76	3.7	43.1	14.12	18.21	25.46	4.2	41.3	14.49	4.0	40.6	0.77	0.00	1.06
13	13	10	76	6.0	275.8	15.82	17.36	21.80	6.2	289.1	15.91	6.2	295.3	0.80	0.00	1.05
14	13	10	76	8.4	272.1	16.20	18.02	14.09	9.5	269.3	15.86	10.8	267.1	1.08	0.00	0.97
15	13	10	76	9.9	261.5	15.73	18.42	8.56	10.9	258.0	15.54	11.1	262.0	0.79	0.00	0.79
16	13	10	76	11.4	292.0	15.42	18.99	7.51	12.9	284.3	15.26	13.6	285.6	0.79	0.00	0.53
17	13	10	76	10.3	271.5	14.35	19.11	8.57	13.0	269.7	14.97	14.6	271.5	0.24	0.00	0.25
18	13	10	76	9.7	265.0	12.68	20.58	2.94	11.4	264.0	13.40	14.0	269.8	-0.51	0.00	0.04
19	13	10	76	12.8	254.6	12.43	20.63	1.81	14.9	252.0	13.52	15.5	253.4	-0.81	0.00	0.01
20	13	10	76	9.3	224.7	12.09	20.74	4.10	10.5	224.4	12.87	11.8	233.9	-0.72	0.00	0.01
21	13	10	76	2.6	211.8	10.67	21.77	12.39	3.2	158.8	10.45	2.0	178.6	-0.77	0.00	0.01
22	13	10	76	3.6	283.6	11.75	21.45	1.70	2.7	292.4	11.29	1.7	231.9	-0.44	0.00	0.01
23	13	10	76	6.0	255.8	11.11	21.22	7.54	8.3	265.0	12.27	9.6	281.6	-1.35	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	14	10	76	10.3	266.2	12.11	20.85	4.56	13.7	273.7	13.43	14.2	287.7	-1.15	0.00	0.01
1	14	10	76	3.9	98.5	9.94	21.94	12.16	4.6	96.9	10.11	7.4	274.9	-0.92	0.00	0.01
2	14	10	76	1.9	147.1	9.47	22.91	11.68	2.2	78.8	8.02	2.9	91.9	-0.50	0.00	0.01
3	14	10	76	4.7	235.5	10.06	22.01	7.95	4.4	216.4	10.06	4.5	223.9	-0.38	0.00	0.01
4	14	10	76	3.0	202.3	9.68	22.26	11.45	2.6	191.1	8.67	3.2	183.3	-0.39	0.00	0.01
5	14	10	76	2.9	279.4	9.09	22.42	9.22	2.7	284.9	8.85	3.3	270.7	-0.30	0.00	0.01
6	14	10	76	2.9	157.1	8.92	22.25	8.12	2.4	23.4	9.10	2.4	199.3	-0.45	0.00	0.01
7	14	10	76	5.7	248.8	8.71	22.13	4.28	5.3	252.8	9.47	5.9	259.6	-0.68	0.00	0.04
8	14	10	76	4.0	65.8	8.45	21.46	5.83	3.4	68.9	10.54	1.5	159.1	-1.61	0.00	0.25
9	14	10	76	3.3	78.3	10.59	20.05	10.70	3.4	74.8	11.46	3.2	77.9	0.35	0.00	0.54
10	14	10	76	3.9	80.5	13.02	18.41	16.46	4.4	75.4	13.66	4.0	79.4	0.62	0.00	0.79
11	14	10	76	6.9	79.2	13.71	18.63	14.40	7.5	71.9	13.77	8.5	71.9	0.70	0.00	0.97
12	14	10	76	7.2	47.4	14.89	17.93	13.72	7.2	43.6	14.97	6.6	40.2	0.80	0.00	1.06
13	14	10	76	5.2	73.4	15.51	16.89	17.05	5.7	67.6	15.59	5.9	60.7	0.76	0.00	1.05
14	14	10	76	7.0	41.3	16.12	17.54	16.26	7.4	34.1	16.06	7.0	34.6	0.69	0.00	0.95
15	14	10	76	4.8	33.7	16.70	16.23	22.07	5.1	30.4	17.01	5.5	36.7	0.63	0.00	0.76
16	14	10	76	8.4	331.8	16.37	18.22	16.99	8.8	328.4	16.30	9.3	333.4	0.74	0.00	0.52
17	14	10	76	7.4	326.0	15.28	18.77	4.39	8.3	324.5	15.53	8.4	331.5	0.40	0.00	0.24
18	14	10	76	7.7	294.6	14.08	19.85	1.87	7.4	305.3	14.52	6.3	319.7	-0.15	0.00	0.04
19	14	10	76	6.9	297.4	13.54	20.09	3.98	6.2	318.6	13.91	6.0	348.6	-0.41	0.00	0.01
20	14	10	76	5.7	291.0	13.39	20.18	4.08	5.6	309.1	13.59	5.6	326.6	0.02	0.00	0.01
21	14	10	76	5.5	291.8	13.18	20.33	2.97	5.2	305.2	13.24	4.7	339.1	-0.18	0.00	0.01
22	14	10	76	7.2	298.6	12.36	20.67	4.90	7.5	317.2	12.88	7.2	348.5	-0.94	0.00	0.01
23	14	10	76	7.1	310.2	10.88	21.37	4.81	7.8	338.9	12.20	8.5	9.9	-1.94	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	15	10	76	3.8	308.8	10.15	22.29	14.84	3.5	331.8	9.84	3.9	350.7	-0.02	0.00	0.01
1	15	10	76	3.3	309.0	9.57	22.51	9.69	3.4	347.6	8.96	4.2	7.7	-0.08	0.00	0.01
2	15	10	76	3.5	339.9	7.19	23.05	27.41	5.6	13.8	7.50	9.0	30.8	-0.55	0.00	0.01
3	15	10	76	3.5	277.2	6.70	23.42	17.65	3.7	297.0	6.35	4.0	327.7	0.23	0.00	0.00
4	15	10	76	5.3	313.3	6.62	23.32	6.68	5.2	325.7	6.80	5.4	349.2	0.02	0.00	0.00
5	15	10	76	3.3	278.7	6.09	23.75	3.00	3.0	291.2	5.76	1.8	219.6	-0.37	0.00	0.01
6	15	10	76	4.2	289.2	6.91	23.20	3.19	3.8	309.2	6.80	3.4	337.9	0.05	0.00	0.01
7	15	10	76	3.1	280.9	7.04	23.35	3.05	3.0	301.2	7.14	2.6	293.8	-0.07	0.00	0.04
8	15	10	76	2.6	165.7	8.56	21.95	9.12	2.6	157.5	9.93	2.3	192.1	0.28	0.00	0.24
9	15	10	76	4.1	81.1	9.55	20.63	8.18	4.1	78.2	10.33	3.8	87.0	0.48	0.00	0.52
10	15	10	76	4.4	74.7	10.73	19.67	14.14	4.8	74.2	11.15	5.0	73.4	0.58	0.00	0.77
11	15	10	76	4.4	84.3	12.12	18.74	15.26	4.9	70.6	12.39	4.7	68.4	0.63	0.00	0.94
12	15	10	76	6.1	69.7	13.60	18.45	17.77	6.2	67.5	13.67	6.3	66.4	0.77	0.00	1.03
13	15	10	76	5.1	5.7	14.57	18.78	26.96	5.7	31.2	14.69	5.1	65.8	0.84	0.00	1.03
14	15	10	76	5.9	264.7	15.34	18.08	13.81	7.4	256.7	15.21	7.4	264.8	0.78	0.00	0.92
15	15	10	76	8.4	266.5	15.63	18.35	11.21	9.1	264.5	15.54	9.3	264.9	0.84	0.00	0.73
16	15	10	76	4.9	262.0	15.31	18.29	13.88	5.9	266.7	15.52	6.1	265.6	0.70	0.00	0.50
17	15	10	76	7.0	47.0	13.41	19.89	8.04	8.9	42.1	13.61	10.1	44.1	0.28	0.00	0.19
18	15	10	76	2.5	319.8	11.63	21.32	17.02	2.8	347.1	11.22	2.7	50.8	-0.58	0.00	0.03
19	15	10	76	5.9	229.1	11.45	21.53	5.94	4.2	216.4	11.55	2.6	200.5	-0.47	0.00	0.01
20	15	10	76	1.9	237.3	12.02	21.56	7.11	1.9	319.3	10.12	2.2	304.8	0.17	0.00	0.01
21	15	10	76	4.0	309.9	11.11	21.64	4.56	4.0	339.8	10.99	4.6	20.0	-0.29	0.00	0.01
22	15	10	76	3.8	294.2	10.83	21.77	2.72	3.5	311.8	10.58	2.2	352.2	-0.15	0.00	0.01
23	15	10	76	4.0	238.7	11.45	21.65	3.95	3.5	218.7	10.42	3.0	194.2	0.08	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
				WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	16	10	76	4.6	258.0	11.49	21.48	2.60	3.2	255.4	11.06	1.7	242.2	0.01	0.00	0.01
1	16	10	76	4.5	301.6	9.93	21.92	6.16	4.4	322.1	10.77	4.2	330.4	-0.98	0.00	0.01
2	16	10	76	4.9	292.6	10.42	21.77	4.55	4.9	312.0	10.54	4.4	344.8	-0.57	0.00	0.01
3	16	10	76	7.6	297.0	8.72	22.27	5.17	7.9	318.8	9.63	8.4	347.6	-1.28	0.00	0.01
4	16	10	76	3.5	302.3	7.05	23.38	10.57	4.2	330.0	7.08	5.6	343.8	-0.34	0.00	0.01
5	16	10	76	2.2	318.4	6.50	23.43	15.43	2.3	45.7	5.95	2.3	15.0	-0.55	0.00	0.01
6	16	10	76	1.9	287.3	7.30	23.67	6.10	2.3	317.8	5.82	1.3	61.3	-0.17	0.00	0.01
7	16	10	76	2.9	315.4	6.60	23.35	14.57	3.0	13.4	6.76	3.7	45.1	-0.39	0.00	0.03
8	16	10	76	2.4	144.2	7.94	22.19	9.09	2.4	107.2	9.67	1.7	188.7	0.42	0.00	0.23
9	16	10	76	5.1	70.3	9.11	21.05	9.95	5.0	68.8	9.56	4.9	84.0	0.62	0.00	0.51
10	16	10	76	4.4	99.2	10.23	19.52	14.06	5.1	87.6	10.79	5.6	92.9	0.60	0.00	0.75
11	16	10	76	7.0	76.1	11.91	19.36	11.00	7.7	70.3	11.82	7.9	72.5	0.80	0.00	0.94
12	16	10	76	6.7	54.8	12.82	19.22	17.62	6.9	53.4	12.87	6.8	62.8	0.72	0.00	1.03
13	16	10	76	7.8	335.7	14.00	19.11	25.43	8.7	331.0	13.75	9.6	326.8	0.95	0.00	1.03
14	16	10	76	9.4	290.8	14.16	19.23	10.19	10.4	289.9	13.83	11.4	300.9	0.94	0.00	0.94
15	16	10	76	8.3	265.1	14.34	19.09	14.24	9.1	255.3	14.24	10.0	263.6	0.90	0.00	0.75
16	16	10	76	10.2	293.0	14.26	19.29	8.95	12.0	287.6	14.17	12.6	292.7	0.71	0.00	0.50
17	16	10	76	7.6	284.6	13.46	19.64	6.28	9.1	283.0	13.96	10.1	287.5	0.19	0.00	0.21
18	16	10	76	6.7	259.0	12.97	20.70	1.58	7.0	268.1	13.28	7.5	263.0	0.03	0.00	0.04
19	16	10	76	8.0	263.9	10.98	21.40	11.87	8.5	234.4	11.17	14.3	226.5	-0.25	0.00	0.01
20	16	10	76	5.2	230.1	10.52	21.69	18.20	7.9	221.8	10.77	14.9	223.6	-0.30	0.00	0.01
21	16	10	76	5.6	220.4	10.29	21.85	16.28	8.1	222.0	10.52	15.0	219.7	-0.25	0.00	0.01
22	16	10	76	8.5	268.3	9.90	21.93	6.46	9.8	258.3	10.26	10.6	242.9	-0.05	0.00	0.01
23	16	10	76	11.1	245.9	10.24	21.73	5.38	14.2	248.5	10.94	17.2	256.2	-0.46	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	17	10	76	9.4	247.2	10.06	22.09	4.22	12.5	249.9	10.78	15.4	257.6	-0.55	0.00	0.01
1	17	10	76	9.8	260.5	9.69	22.27	1.18	11.4	254.4	11.02	12.6	256.4	-1.07	0.00	0.01
2	17	10	76	7.3	201.4	9.51	22.56	15.43	8.4	213.1	9.71	12.4	230.0	-0.09	0.00	0.01
3	17	10	76	6.6	248.4	9.48	22.42	18.47	8.0	233.0	9.65	12.6	232.8	0.03	0.00	0.01
4	17	10	76	11.3	258.7	9.27	22.40	7.96	13.1	246.6	9.55	17.1	242.2	0.12	0.00	0.01
5	17	10	76	13.0	256.0	10.00	22.09	7.93	14.7	243.6	10.33	19.8	246.2	0.07	0.00	0.01
6	17	10	76	13.1	256.4	10.39	21.89	9.51	15.2	243.7	10.58	20.3	240.6	0.25	0.00	0.01
7	17	10	76	11.8	262.3	9.30	22.34	11.87	10.9	242.0	9.37	14.6	229.9	0.40	0.00	0.02
8	17	10	76	11.5	256.0	10.18	21.96	12.08	11.9	239.1	10.26	16.7	237.8	0.43	0.00	0.08
9	17	10	76	14.2	255.0	11.63	21.39	10.05	16.6	248.7	11.56	20.2	247.3	0.57	0.00	0.24
10	17	10	76	14.5	249.1	12.47	20.90	12.95	16.0	239.0	12.16	19.1	239.3	0.81	0.00	0.55
11	17	10	76	14.5	248.9	13.96	20.05	14.95	16.5	240.0	13.44	19.7	240.3	0.95	0.00	0.90
12	17	10	76	19.1	251.1	14.21	20.09	11.69	22.3	241.2	13.43	25.8	247.2	0.72	0.00	1.02
13	17	10	76	15.6	240.5	14.98	19.59	15.67	19.5	230.7	14.37	26.2	238.4	0.88	0.00	0.94
14	17	10	76	19.9	272.0	13.80	20.46	9.57	22.4	265.3	13.50	23.8	268.1	0.68	0.00	0.53
15	17	10	76	19.2	273.6	13.34	20.74	9.92	22.6	265.1	13.22	25.6	268.0	0.60	0.00	0.26
16	17	10	76	19.5	299.3	12.18	21.20	7.74	23.2	294.6	12.22	25.5	298.4	0.49	0.00	0.18
17	17	10	76	20.7	296.7	11.47	21.43	7.70	24.7	290.6	11.61	27.0	294.5	0.40	0.00	0.12
18	17	10	76	18.6	294.1	9.27	22.34	7.77	23.7	290.3	9.61	25.2	293.8	0.22	0.00	0.02
19	17	10	76	11.8	312.3	7.88	22.40	6.53	14.4	308.0	8.35	16.0	312.4	-0.01	0.00	0.01
20	17	10	76	10.5	28.9	3.63	24.14	10.20	12.7	31.1	3.89	15.0	30.9	0.16	0.00	0.01
21	17	10	76	12.9	12.0	1.42	24.98	14.63	15.0	10.3	1.66	16.4	14.5	0.27	0.00	0.01
22	17	10	76	8.6	345.5	-0.98	26.05	21.55	10.6	357.9	-0.36	13.5	12.6	-0.44	0.00	0.01
23	17	10	76	5.8	334.8	-2.26	26.88	16.24	8.4	1.7	-1.50	11.1	17.5	-0.67	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
++	++	++	++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	18	10	76	5.5	327.7	-3.29	28.03	13.27	8.2	347.2	-2.57	10.7	7.5	-0.92	0.00	0.01
1	18	10	76	3.1	286.9	-3.13	29.07	13.24	3.7	331.6	-2.94	4.2	354.3	-0.24	0.00	0.01
2	18	10	76	3.6	47.4	-3.84	29.17	10.70	5.3	45.3	-3.42	5.4	25.7	-0.42	0.00	0.01
3	18	10	76	4.8	189.8	-4.86	35.52	4.00	5.3	179.3	-4.91	3.3	176.8	-0.39	0.00	0.01
4	18	10	76	2.6	355.0	-5.79	40.69	21.06	2.7	34.6	-6.45	4.0	57.8	0.09	0.00	0.01
5	18	10	76	1.5	294.2	-6.41	51.13	10.81	2.4	345.4	-7.29	3.1	7.0	0.15	0.00	0.01
6	18	10	76	5.7	308.7	-7.24	54.03	6.46	7.5	327.8	-6.54	8.1	347.9	-0.34	0.00	0.01
7	18	10	76	5.9	355.8	-6.89	53.50	28.53	7.6	3.2	-6.53	9.4	11.0	0.12	0.00	0.03
8	18	10	76	9.6	28.6	-6.04	50.48	9.97	10.6	25.2	-5.87	11.4	27.7	0.67	0.00	0.27
9	18	10	76	7.7	25.5	-5.77	46.48	10.59	8.4	24.2	-5.71	8.4	27.3	0.66	0.00	0.25
10	18	10	76	6.8	30.0	-4.97	39.88	17.80	7.6	21.3	-4.84	7.5	17.1	0.73	0.00	0.42
11	18	10	76	10.1	28.2	-2.97	28.86	12.97	11.4	23.4	-3.05	11.6	25.2	1.00	0.00	0.71
12	18	10	76	10.8	59.9	-1.69	25.42	9.58	11.9	56.0	-1.90	12.6	56.2	1.08	0.00	0.98
13	18	10	76	13.7	33.2	-0.40	25.22	12.07	17.3	27.0	-0.70	16.9	31.8	1.03	0.00	1.17
14	18	10	76	7.7	47.7	-0.11	24.49	20.12	8.2	56.0	0.08	8.1	34.1	0.69	0.00	0.80
15	18	10	76	10.0	50.6	0.41	24.24	11.21	11.5	46.3	0.42	12.4	43.7	0.88	0.00	0.71
16	18	10	76	7.8	36.3	0.35	24.38	10.72	8.8	33.6	0.55	9.4	33.0	0.67	0.00	0.47
17	18	10	76	7.4	23.6	-0.12	25.07	8.65	8.6	21.6	0.20	8.5	27.6	0.39	0.00	0.20
18	18	10	76	3.1	354.6	-1.89	26.43	28.73	5.6	20.9	-1.41	8.9	30.4	-0.44	0.00	0.03
19	18	10	76	2.2	15.9	-2.29	27.28	27.44	3.3	27.3	-2.59	4.0	40.4	0.06	0.00	0.00
20	18	10	76	2.6	291.5	-2.63	27.20	13.19	2.3	356.6	-3.18	3.5	35.1	-0.07	0.00	0.00
21	18	10	76	4.3	289.3	-2.78	26.99	3.80	3.4	317.2	-2.80	0.9	20.9	-0.14	0.00	0.00
22	18	10	76	4.6	227.2	-2.47	26.95	7.11	4.0	206.4	-2.60	1.4	193.1	0.14	0.00	0.00
23	18	10	76	5.9	241.5	-2.50	26.87	2.00	5.6	223.7	-2.20	3.5	207.9	-0.04	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	19	10	76	5.6	244.4	-2.21	26.81	6.33	4.9	249.5	-2.07	2.1	253.9	0.01	0.00	0.00
1	19	10	76	5.3	253.4	-2.38	27.28	11.17	7.6	265.6	-1.52	8.6	283.3	-1.20	0.00	0.00
2	19	10	76	4.2	249.9	-3.11	27.93	15.87	6.9	285.3	-2.78	10.7	277.5	-1.36	0.00	0.00
3	19	10	76	3.1	307.1	-2.85	26.98	20.13	8.8	267.7	-1.39	11.7	284.5	-1.75	0.00	0.00
4	19	10	76	9.0	263.9	-0.93	26.16	1.67	9.0	274.9	-0.30	8.4	289.5	-0.17	0.00	0.00
5	19	10	76	6.3	292.4	-0.85	26.12	2.46	5.8	307.4	-0.37	5.0	321.7	-0.06	0.00	0.00
6	19	10	76	4.1	277.2	-0.63	26.29	1.19	4.0	294.6	-0.63	1.3	308.1	0.23	0.00	0.00
7	19	10	76	2.2	71.1	-2.11	26.93	4.92	3.1	61.4	-1.33	0.9	96.8	-1.00	0.00	0.03
8	19	10	76	1.9	71.7	-0.72	25.60	13.11	2.0	61.9	1.30	0.9	135.3	0.29	0.00	0.23
9	19	10	76	5.5	100.8	0.28	24.11	9.84	6.1	102.1	0.64	4.6	117.3	0.65	0.00	0.51
10	19	10	76	5.6	115.4	1.58	23.53	15.70	6.5	102.4	1.85	6.3	100.1	0.63	0.00	0.76
11	19	10	76	4.2	111.9	2.96	22.44	19.55	4.7	99.1	3.45	3.9	109.8	0.80	0.00	0.92
12	19	10	76	4.4	251.4	4.90	21.33	21.55	4.8	255.0	5.37	4.9	213.8	0.76	0.00	1.00
13	19	10	76	4.2	54.4	6.31	20.46	20.53	4.9	61.1	6.76	5.2	81.3	0.54	0.00	1.02
14	19	10	76	7.1	277.8	7.67	20.96	11.80	7.4	271.5	7.58	7.9	269.0	0.84	0.00	0.93
15	19	10	76	4.6	255.1	8.31	19.77	18.11	5.2	251.9	8.72	5.3	260.0	0.74	0.00	0.74
16	19	10	76	7.0	266.9	8.32	20.96	9.47	8.1	263.2	8.44	8.2	263.1	0.76	0.00	0.49
17	19	10	76	8.8	293.0	6.49	22.30	4.90	11.6	294.0	7.06	12.5	299.5	0.02	0.00	0.19
18	19	10	76	9.8	263.2	5.98	23.22	1.35	10.1	272.6	6.93	10.1	280.5	-0.60	0.00	0.03
19	19	10	76	4.4	187.9	4.36	24.26	4.45	5.5	174.6	4.68	6.6	162.6	-0.48	0.00	0.01
20	19	10	76	3.6	286.3	3.99	24.43	2.74	2.4	309.1	3.53	2.2	149.1	-0.48	0.00	0.00
21	19	10	76	6.6	228.4	4.52	23.86	2.55	6.5	209.4	4.72	6.4	201.0	0.12	0.00	0.00
22	19	10	76	7.0	236.0	4.40	23.88	2.00	6.1	220.2	4.72	4.6	199.7	-0.31	0.00	0.00
23	19	10	76	5.4	247.3	4.96	23.74	1.55	3.8	239.4	4.84	2.6	213.0	-0.04	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	20	10	76	6.3	293.5	4.61	23.82	3.25	6.3	300.0	4.93	5.5	303.8	-0.06	0.00	0.00
1	20	10	76	3.3	161.6	3.19	24.64	10.35	2.7	9.1	2.89	1.9	358.3	-0.31	0.00	0.00
2	20	10	76	1.6	20.5	1.08	25.97	7.64	1.9	82.1	-0.30	1.9	169.6	-0.79	0.00	0.00
3	20	10	76	1.2	196.6	1.52	26.65	13.26	1.5	23.5	-0.15	1.2	181.9	-0.30	0.00	0.00
4	20	10	76	2.2	241.4	1.73	26.10	3.49	1.8	287.6	-1.37	1.3	296.2	-0.04	0.00	0.00
5	20	10	76	2.1	289.9	1.71	25.88	4.68	1.9	319.1	-0.25	1.0	134.2	-0.15	0.00	0.00
6	20	10	76	3.0	278.4	1.85	25.44	2.46	2.5	302.6	0.85	1.3	11.5	0.08	0.00	0.00
7	20	10	76	2.5	286.9	2.26	25.28	7.26	2.1	314.6	1.82	1.1	198.1	0.02	0.00	0.03
8	20	10	76	2.1	156.7	3.31	24.04	12.43	2.1	108.9	5.22	1.9	131.8	0.55	0.00	0.23
9	20	10	76	4.0	94.0	4.27	22.87	14.76	4.6	84.0	5.66	4.7	102.4	0.61	0.00	0.50
10	20	10	76	4.5	81.6	5.31	21.94	13.60	4.9	75.6	5.74	5.3	73.1	0.61	0.00	0.74
11	20	10	75	5.6	78.2	6.77	21.24	12.38	6.3	70.2	6.92	6.3	70.1	0.75	0.00	0.92
12	20	10	76	5.6	335.2	8.72	20.80	29.05	6.5	325.2	8.60	6.3	326.1	0.89	0.00	0.99
13	20	10	76	5.1	66.9	9.61	19.67	16.62	5.6	63.5	9.82	5.2	70.5	0.71	0.00	1.00
14	20	10	76	7.3	4.2	10.22	20.67	30.29	7.9	0.5	10.13	7.8	4.7	0.90	0.00	0.90
15	20	10	76	6.5	48.4	10.20	20.67	15.93	7.1	47.7	10.32	7.2	53.3	0.69	0.00	0.71
16	20	10	76	5.7	282.7	10.34	20.97	12.77	6.2	277.0	10.53	6.5	283.3	0.74	0.00	0.47
17	20	10	76	5.5	279.8	9.29	21.45	3.38	6.0	284.8	9.83	5.6	287.1	0.27	0.00	0.18
18	20	10	76	3.2	252.0	5.47	24.41	24.14	4.4	264.5	6.49	5.9	272.4	-1.77	0.00	0.03
19	20	10	76	7.8	219.7	7.08	23.73	4.23	8.2	208.5	7.31	8.2	195.9	0.05	0.00	0.01
20	20	10	76	4.5	222.8	7.22	23.70	4.32	4.2	200.7	7.07	3.9	186.9	0.10	0.00	0.00
21	20	10	76	5.3	212.5	6.42	23.99	5.43	5.6	190.6	6.62	5.2	181.9	-0.49	0.00	0.00
22	20	10	76	4.1	217.0	6.86	23.88	7.40	3.8	187.9	6.50	3.0	166.6	-0.13	0.00	0.00
23	20	10	76	5.5	237.3	6.87	23.62	1.83	4.4	218.4	6.89	4.0	208.2	-0.12	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	21	10	76	4.9	254.6	7.56	23.46	2.52	4.6	264.7	7.56	4.4	261.5	0.02	0.00	0.00
1	21	10	76	6.8	271.4	6.83	23.52	2.55	6.0	272.9	7.15	5.6	274.9	-0.06	0.00	0.00
2	21	10	76	2.2	174.7	5.57	25.09	8.77	2.6	101.5	3.94	2.7	109.1	-0.05	0.00	0.00
3	21	10	76	2.0	226.7	5.00	25.07	9.88	1.6	14.1	3.37	1.1	359.1	-0.46	0.00	0.00
4	21	10	76	1.0	237.8	4.91	26.11	5.22	1.5	344.2	1.60	1.0	238.9	-0.12	0.00	0.00
5	21	10	76	2.1	343.5	3.97	25.60	22.68	2.1	30.9	1.69	1.0	71.1	-0.37	0.00	0.00
6	21	10	76	1.0	278.1	3.21	26.41	4.32	1.0	17.0	-0.54	2.2	119.6	-0.54	0.00	0.00
7	21	10	76	3.8	232.6	4.32	24.76	3.46	3.6	203.6	4.43	3.2	184.8	0.00	0.00	0.03
8	21	10	76	1.4	353.6	5.83	23.69	26.31	1.7	3.3	8.26	1.6	183.5	0.48	0.00	0.22
9	21	10	76	4.0	83.9	6.41	22.25	8.77	4.2	78.6	7.05	3.9	96.7	0.44	0.00	0.50
10	21	10	76	4.6	81.3	7.72	21.14	11.32	5.1	74.4	8.04	5.4	80.9	0.65	0.00	0.74
11	21	10	76	5.2	89.1	9.82	20.02	16.55	5.4	80.2	10.02	5.8	77.0	0.73	0.00	0.92
12	21	10	76	5.3	5.8	11.38	20.26	28.38	5.7	359.6	11.34	5.4	2.4	0.86	0.00	0.99
13	21	10	76	4.2	56.3	12.03	18.70	18.86	4.7	54.4	12.49	4.4	53.9	0.72	0.00	0.97
14	21	10	76	8.4	5.5	12.05	23.68	27.56	9.3	358.9	11.83	9.5	0.4	0.95	0.00	0.86
15	21	10	76	6.5	12.8	11.98	20.24	31.88	7.2	8.9	12.09	7.7	9.7	0.75	0.00	0.73
16	21	10	76	7.8	340.8	11.22	21.37	16.79	8.5	336.4	11.19	8.6	338.9	0.62	0.00	0.40
17	21	10	76	7.1	298.7	9.91	21.91	5.23	9.0	304.4	10.30	9.6	313.2	0.06	0.00	0.17
18	21	10	76	7.7	258.1	9.53	22.43	1.27	7.1	262.2	9.73	5.7	273.9	0.10	0.00	0.03
19	21	10	76	6.9	236.8	8.73	22.72	1.58	6.7	227.0	9.15	5.9	231.4	-0.22	0.00	0.00
20	21	10	76	7.0	244.5	8.82	22.77	2.59	6.6	239.2	9.22	6.3	233.4	-0.17	0.00	0.00
21	21	10	76	7.4	231.6	8.15	23.05	4.42	7.5	213.6	8.77	7.2	194.8	-0.47	0.00	0.00
22	21	10	76	8.3	242.0	8.44	22.90	1.83	8.0	227.7	9.04	7.1	222.4	-0.50	0.00	0.00
23	21	10	76	11.0	254.8	7.51	23.21	1.05	12.7	253.3	8.30	13.7	253.3	-0.91	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	22	10	76	10.9	253.8	7.26	23.30	1.26	11.3	248.4	8.07	12.3	252.5	-0.62	0.00	0.00
1	22	10	76	10.6	247.5	6.53	23.79	0.79	11.8	248.0	7.43	12.5	256.1	-0.63	0.00	0.00
2	22	10	76	11.0	240.1	5.85	23.84	1.77	12.5	242.2	6.84	13.5	250.6	-1.05	0.00	0.00
3	22	10	76	9.4	240.0	5.97	23.80	5.27	11.1	233.6	6.43	12.7	238.0	-0.18	0.00	0.00
4	22	10	76	3.6	228.2	5.39	24.17	12.44	4.2	213.0	5.41	5.4	211.0	0.31	0.00	0.00
5	22	10	76	2.3	274.5	4.73	24.88	29.28	3.0	114.6	4.35	4.8	148.4	0.00	0.00	0.00
6	22	10	76	2.7	107.7	4.17	24.89	22.12	3.9	116.0	4.60	3.8	112.2	-0.52	0.00	0.00
7	22	10	76	3.9	163.2	4.94	24.88	8.18	4.2	175.8	4.84	4.6	191.9	0.22	0.00	0.02
8	22	10	76	2.5	352.8	6.22	23.63	28.13	3.5	281.5	6.56	5.4	243.4	0.12	0.00	0.19
9	22	10	76	8.9	202.6	8.31	22.45	18.31	11.9	193.1	8.01	11.0	222.8	0.75	0.00	0.48
10	22	10	76	9.9	272.2	9.09	21.99	12.18	11.2	263.1	8.85	11.4	263.0	0.77	0.00	0.72
11	22	10	76	9.4	254.5	9.80	21.65	14.22	11.0	247.4	9.35	12.3	248.4	1.01	0.00	0.89
12	22	10	76	10.1	258.7	10.38	21.26	15.99	10.8	253.3	10.13	11.3	252.0	0.85	0.00	0.90
13	22	10	76	14.0	264.7	10.05	21.94	10.91	17.6	260.3	9.78	18.6	266.3	0.73	0.00	0.67
14	22	10	76	10.3	295.2	10.67	21.50	11.34	11.7	286.9	10.25	12.5	284.6	0.90	0.00	0.71
15	22	10	76	11.6	275.1	10.80	21.44	12.21	13.4	268.8	10.54	14.2	272.8	0.89	0.00	0.66
16	22	10	76	8.5	259.3	9.99	21.85	12.51	10.4	251.5	10.10	11.4	256.1	0.62	0.00	0.34
17	22	10	76	8.9	212.8	8.96	22.18	12.99	11.6	205.3	9.21	14.9	214.3	0.38	0.00	0.16
18	22	10	76	6.2	215.7	6.90	23.62	13.26	9.0	213.9	7.20	14.5	216.2	-0.13	0.00	0.03
19	22	10	76	5.3	244.7	6.35	23.99	16.61	7.4	231.6	6.55	14.0	226.8	-0.25	0.00	0.00
20	22	10	76	4.8	232.1	6.37	24.06	18.81	8.4	230.8	6.62	15.3	231.1	-0.19	0.00	0.00
21	22	10	76	12.4	268.5	6.48	23.85	9.61	11.4	251.9	6.67	14.4	234.4	0.22	0.00	0.00
22	22	10	76	14.0	261.0	5.37	24.24	4.94	16.3	254.8	5.81	18.0	250.7	0.00	0.00	0.00
23	22	10	76	15.1	258.3	5.31	24.27	4.11	18.2	253.8	6.03	19.2	249.6	-0.31	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR **	DY **	MO **	YR **	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	23	10	76	12.5	255.7	5.17	24.34	3.47	14.9	250.8	5.02	16.3	247.0	-0.52	0.00	0.00
1	23	10	76	11.1	250.7	5.34	24.26	2.95	14.1	247.5	6.37	15.7	250.9	-0.67	0.00	0.00
2	23	10	76	8.5	258.1	4.76	24.53	5.77	9.7	245.4	5.14	12.5	238.8	-0.03	0.00	0.00
3	23	10	76	9.9	255.2	4.86	24.53	3.85	11.5	249.6	5.41	12.9	245.4	-0.21	0.00	0.00
4	23	10	76	10.6	256.4	4.16	24.81	2.15	13.1	256.2	5.12	13.6	257.3	-0.74	0.00	0.00
5	23	10	76	12.2	250.8	3.83	24.98	3.23	14.7	251.4	5.12	15.5	258.5	-0.99	0.00	0.00
6	23	10	76	12.5	253.1	4.01	24.93	3.26	15.2	253.1	5.62	16.1	260.1	-1.09	0.00	0.00
7	23	10	76	13.5	250.5	3.97	24.89	3.61	16.3	248.7	5.56	17.3	256.3	-1.17	0.00	0.02
8	23	10	76	8.8	248.1	5.75	24.13	7.45	10.5	243.6	5.87	13.1	249.3	0.52	0.00	0.21
9	23	10	76	11.8	254.5	6.63	23.53	7.56	12.8	251.0	6.59	13.5	255.1	0.61	0.00	0.47
10	23	10	76	9.6	249.6	8.14	22.67	11.53	11.6	247.0	7.81	12.3	250.9	1.01	0.00	0.71
11	23	10	76	10.7	269.9	8.73	22.24	13.29	12.1	265.2	8.37	12.8	272.9	0.84	0.00	0.89
12	23	10	76	13.3	262.1	9.49	22.00	10.41	15.5	260.1	8.84	17.9	263.7	0.80	0.00	0.98
13	23	10	76	11.2	286.2	9.71	21.83	12.43	12.6	277.9	9.30	13.4	278.1	0.92	0.00	0.99
14	23	10	76	15.5	300.0	9.80	22.17	10.67	18.0	296.0	9.37	19.1	298.4	0.84	0.00	0.89
15	23	10	76	13.0	308.7	9.68	21.99	9.92	15.3	301.4	9.34	16.3	305.1	0.76	0.00	0.67
16	23	10	76	9.5	273.7	9.64	21.55	9.49	10.7	266.4	9.70	11.1	266.2	0.62	0.00	0.43
17	23	10	76	7.6	295.2	8.62	22.24	5.96	8.9	298.2	9.07	9.3	303.4	0.08	0.00	0.15
18	23	10	76	7.1	284.7	7.60	23.25	3.24	7.6	298.0	8.03	8.1	311.9	-0.35	0.00	0.03
19	23	10	76	8.2	252.7	7.34	23.38	3.90	7.1	268.1	8.01	5.9	288.9	-0.66	0.00	0.01
20	23	10	76	9.2	256.2	6.22	23.76	4.82	9.9	245.4	6.64	13.1	229.8	-0.49	0.00	0.00
21	23	10	76	6.2	259.1	6.55	23.76	12.16	7.8	233.5	6.83	13.3	224.1	-0.30	0.00	0.00
22	23	10	76	7.8	251.1	7.07	23.47	3.62	8.9	254.5	7.48	9.6	252.5	-0.02	0.00	0.00
23	23	10	76	8.7	255.6	6.25	23.75	3.94	11.3	254.2	7.16	12.6	255.3	-0.88	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	24	10	76	3.7	315.2	4.79	24.59	12.88	3.9	345.3	4.88	4.1	0.6	-0.17	0.00	0.00
1	24	10	76	4.3	216.2	4.56	24.84	7.24	3.2	202.0	4.29	2.3	192.7	-0.21	0.00	0.00
2	24	10	76	5.3	227.2	5.34	24.33	3.87	4.9	215.0	5.46	4.3	220.3	0.01	0.00	0.00
3	24	10	76	8.4	266.2	4.84	24.37	3.48	10.1	273.3	5.78	10.9	277.8	-0.67	0.00	0.00
4	24	10	76	7.6	260.5	4.80	24.41	3.64	9.2	266.7	5.43	10.9	278.5	-0.34	0.00	0.00
5	24	10	76	7.1	264.3	4.08	24.80	4.48	9.5	277.0	5.19	10.4	283.6	-0.83	0.00	0.00
6	24	10	76	9.3	253.5	4.04	24.72	2.57	10.1	256.3	4.89	10.9	267.8	-0.58	0.00	0.00
7	24	10	76	9.0	251.9	3.88	24.73	2.12	10.3	251.7	4.60	11.4	258.0	-0.33	0.00	0.02
8	24	10	76	6.3	251.1	3.28	24.96	4.79	8.5	253.2	3.70	10.1	261.5	-0.10	0.00	0.09
9	24	10	76	10.3	271.9	5.12	23.88	12.90	11.1	264.9	5.01	11.9	270.1	0.76	0.00	0.43
10	24	10	76	13.1	257.9	6.16	23.33	8.06	14.3	251.5	5.99	14.6	253.3	0.58	0.00	0.69
11	24	10	76	13.3	280.7	7.33	22.86	9.94	15.1	277.1	6.84	16.0	277.4	0.79	0.00	0.88
12	24	10	76	10.9	280.8	7.61	22.51	10.37	12.3	277.2	7.21	12.8	280.8	0.88	0.00	0.89
13	24	10	76	13.0	277.2	8.55	22.23	11.66	15.8	276.9	7.94	16.8	280.4	1.00	0.00	0.96
14	24	10	76	13.7	282.8	8.76	22.18	9.69	16.1	275.8	8.30	17.6	280.3	0.95	0.00	0.88
15	24	10	76	13.4	272.1	9.00	21.99	10.13	15.8	267.6	8.69	17.1	273.9	0.76	0.00	0.68
16	24	10	76	11.7	277.1	8.78	22.12	8.77	12.9	271.5	8.77	14.1	276.3	0.62	0.00	0.40
17	24	10	76	7.8	290.5	7.72	22.78	6.72	10.1	288.3	8.09	11.7	293.0	0.10	0.00	0.15
18	24	10	76	6.6	286.3	7.52	23.19	2.04	6.8	289.5	7.72	6.7	292.7	0.18	0.00	0.03
19	24	10	76	6.8	280.4	7.43	23.28	2.92	6.9	290.7	7.78	7.3	299.0	0.04	0.00	0.01
20	24	10	76	9.2	258.4	7.16	23.40	3.23	9.8	265.9	7.81	10.1	274.5	-0.27	0.00	0.00
21	24	10	76	10.9	272.6	6.00	23.78	6.03	14.3	275.8	6.66	15.8	283.6	-0.25	0.00	0.00
22	24	10	76	10.2	252.9	5.00	24.11	5.89	13.2	255.6	5.81	15.1	263.8	-0.48	0.00	0.00
23	24	10	76	10.3	242.6	4.59	24.27	4.03	13.0	247.0	5.40	14.8	256.9	-0.49	0.00	0.00

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	25	10	76	11.9	250.1	4.20	24.44	5.90	15.8	253.4	5.08	18.6	263.8	-0.61	0.00	0.00
1	25	10	76	8.3	244.7	4.31	24.37	7.37	10.7	249.0	4.79	13.6	257.8	-0.16	0.00	0.00
2	25	10	76	10.5	248.2	3.93	24.56	4.14	13.9	249.2	4.87	16.4	253.5	-0.72	0.00	0.00
3	25	10	76	10.1	245.6	4.32	24.41	2.29	11.3	248.7	5.00	12.3	262.1	-0.44	0.00	0.00
4	25	10	76	7.7	255.7	4.80	24.25	1.43	8.2	259.9	5.11	9.1	272.0	0.02	0.00	0.00
5	25	10	76	8.0	233.5	4.37	24.38	1.84	8.1	235.0	5.02	9.7	243.8	-0.75	0.00	0.00
6	25	10	76	4.6	206.5	4.38	24.56	2.52	5.3	221.0	4.82	6.7	245.1	-0.49	0.00	0.00
7	25	10	76	6.9	233.6	4.17	24.49	3.59	8.3	230.1	4.81	9.5	233.2	-0.54	0.00	0.01
8	25	10	76	3.4	157.7	4.33	24.24	8.04	4.4	157.2	4.91	4.9	187.4	-0.12	0.00	0.18
9	25	10	76	9.7	196.4	7.45	22.84	14.37	12.4	198.3	7.24	13.3	220.9	0.91	0.00	0.45
10	25	10	76	14.1	249.4	8.76	22.21	12.41	17.0	242.6	8.30	19.9	245.2	0.87	0.00	0.73
11	25	10	76	14.2	246.5	9.01	22.04	11.51	16.0	246.0	8.48	17.7	250.4	0.91	0.00	0.89
12	25	10	76	12.7	307.7	8.49	22.55	9.31	14.4	301.9	8.23	14.7	303.3	0.80	0.00	0.59
13	25	10	76	14.6	304.5	7.80	22.89	8.68	16.4	297.7	7.58	17.1	303.3	0.75	0.00	0.45
14	25	10	76	16.4	312.2	5.40	23.88	8.74	19.4	306.9	5.27	21.1	307.1	0.66	0.00	0.27
15	25	10	76	15.5	284.0	1.84	40.82	8.83	18.2	281.4	0.59	20.1	285.7	0.47	0.00	0.17
16	25	10	76	13.6	277.4	2.01	38.03	9.31	17.7	278.4	0.72	20.2	282.9	0.39	0.00	0.11
17	25	10	76	9.4	259.1	2.49	27.53	7.87	12.9	259.6	2.61	15.7	264.9	0.06	0.00	0.06
18	25	10	76	8.2	328.9	0.43	35.87	12.60	9.8	336.5	0.96	10.6	357.2	-0.45	0.00	0.01
19	25	10	76	5.1	28.4	-1.08	57.71	25.27	7.5	24.6	-0.72	10.0	31.5	-0.48	0.00	0.00
20	25	10	76	3.4	222.7	-0.59	49.94	7.61	3.3	233.6	-0.62	2.8	350.6	-0.24	0.00	0.00
21	25	10	76	2.3	209.3	-0.47	42.03	8.01	2.6	128.0	-0.30	4.0	109.1	0.01	0.00	0.00
22	25	10	76	2.3	314.1	-0.54	44.02	10.15	2.3	13.8	-1.00	3.6	52.4	-0.02	0.00	0.00
23	25	10	76	1.6	38.4	-1.11	50.56	19.13	3.0	59.5	-1.24	4.8	71.4	0.06	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	26	10	76	3.9	303.3	-2.63	46.63	8.46	5.6	342.1	-1.70	6.6	7.9	-0.94	0.00	0.00
1	26	10	76	5.7	286.2	-2.36	36.17	5.05	5.6	304.3	-2.08	5.4	333.5	0.01	0.00	0.00
2	26	10	76	4.4	200.0	-2.89	35.22	8.62	3.6	181.5	-2.64	2.8	32.5	-0.35	0.00	0.00
3	26	10	76	3.6	206.7	-2.75	35.28	9.10	4.8	196.8	-2.39	5.1	184.4	-0.22	0.00	0.00
4	26	10	76	1.9	303.4	-2.73	41.74	6.08	1.8	344.7	-4.38	1.7	37.6	0.05	0.00	0.00
5	26	10	76	2.3	297.9	-2.74	40.02	7.41	2.4	336.8	-3.40	2.1	26.3	0.11	0.00	0.00
6	26	10	76	2.0	304.5	-3.58	47.46	8.57	2.1	22.4	-3.66	3.2	53.4	0.18	0.00	0.00
7	26	10	76	4.1	245.1	-4.01	59.92	4.73	4.7	238.6	-3.64	4.0	224.3	0.07	0.00	0.01
8	26	10	76	2.0	173.4	-3.74	58.76	5.44	2.5	152.3	-3.41	2.8	152.8	0.27	0.00	0.07
9	26	10	76	3.0	95.8	-3.29	54.11	9.00	3.5	87.9	-2.86	3.4	94.7	0.52	0.00	0.12
10	26	10	76	4.1	64.1	-2.44	46.39	9.88	4.5	62.3	-2.05	4.9	56.7	0.46	0.00	0.23
11	26	10	76	14.4	34.6	-1.68	50.91	7.65	15.9	28.9	-1.76	16.0	30.3	0.62	0.00	0.29
12	26	10	76	14.3	28.2	-1.39	52.46	7.99	15.6	24.5	-1.54	16.1	25.4	0.77	0.00	0.37
13	26	10	76	14.5	33.3	-0.17	37.41	8.10	16.3	28.4	-0.39	16.2	28.0	0.84	0.00	0.62
14	26	10	76	15.6	27.9	0.31	32.18	9.28	17.4	23.8	0.13	18.4	23.3	0.70	0.00	0.48
15	26	10	76	13.8	17.2	0.16	37.53	12.94	15.1	14.1	0.20	15.9	16.1	0.59	0.00	0.22
16	26	10	76	15.4	21.3	0.96	33.00	9.10	17.5	18.5	1.08	17.8	22.1	0.51	0.00	0.11
17	26	10	76	15.3	16.5	0.70	33.68	10.69	18.0	14.3	0.91	19.4	16.3	0.42	0.00	0.05
18	26	10	76	16.0	26.4	0.27	31.28	8.09	18.4	23.0	0.51	20.1	23.3	0.36	0.00	0.01
19	26	10	76	15.5	15.2	0.14	31.20	12.14	17.7	14.0	0.36	19.6	18.7	0.42	0.00	0.00
20	26	10	76	12.7	9.2	-0.77	33.76	22.21	14.9	9.4	-0.48	16.5	12.6	0.29	0.00	0.00
21	26	10	76	11.1	34.0	-1.53	42.13	6.95	13.7	32.6	-1.24	14.8	35.8	0.19	0.00	0.00
22	26	10	76	6.2	347.4	-1.70	43.15	22.44	7.7	357.1	-1.15	9.4	13.4	-0.22	0.00	0.00
23	26	10	76	4.8	1.9	-2.11	40.06	28.82	7.6	17.7	-1.09	9.6	29.7	-0.99	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 6C METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	27	10	76	4.8	343.3	-2.73	40.59	28.58	8.6	4.8	-1.81	12.8	15.9	-1.44	0.00	0.00
1	27	10	76	6.6	349.6	-2.81	39.64	31.56	11.5	9.1	-1.52	13.9	18.4	-1.15	0.00	0.00
2	27	10	76	8.6	344.4	-3.28	41.61	27.20	12.3	0.8	-2.25	16.8	14.9	-1.38	0.00	0.00
3	27	10	76	2.5	8.5	-3.26	45.28	28.90	4.0	18.2	-3.28	7.3	13.5	-0.12	0.00	0.00
4	27	10	76	6.6	300.0	-3.90	43.94	11.75	8.1	326.1	-3.40	11.0	353.7	-0.84	0.00	0.00
5	27	10	76	3.3	292.7	-3.68	42.66	14.99	3.8	334.0	-3.59	5.8	359.2	-0.10	0.00	0.00
6	27	10	76	2.1	118.3	-4.50	55.32	14.62	2.6	71.7	-5.06	4.1	36.0	0.12	0.00	0.00
7	27	10	76	1.8	326.1	-4.84	55.05	25.30	3.3	16.1	-4.88	5.4	23.6	0.08	0.00	0.03
8	27	10	76	3.4	338.4	-3.61	50.24	26.74	4.0	349.0	-3.24	4.7	357.7	0.52	0.00	0.28
9	27	10	76	3.2	42.6	-1.66	31.19	20.99	3.7	37.9	-0.77	4.1	39.2	0.45	0.00	0.55
10	27	10	76	4.4	75.4	-0.52	25.84	17.87	5.8	64.8	-0.63	6.1	61.7	0.64	0.00	0.78
11	27	10	76	6.8	79.2	0.38	24.45	11.08	7.6	71.0	0.56	8.2	67.3	0.71	0.00	0.87
12	27	10	76	6.8	40.7	1.92	24.25	22.61	7.9	39.2	1.91	8.2	39.0	0.91	0.00	0.92
13	27	10	76	7.2	68.8	2.33	23.68	15.65	7.9	60.6	2.43	8.3	62.9	0.76	0.00	0.95
14	27	10	76	7.0	18.7	3.23	23.83	21.28	7.9	20.8	3.23	7.9	30.7	0.78	0.00	0.85
15	27	10	76	6.3	24.9	3.78	23.51	15.63	7.1	24.5	3.97	7.2	24.3	0.68	0.00	0.66
16	27	10	76	9.7	27.9	3.53	24.09	15.17	10.6	22.4	3.72	11.3	23.0	0.60	0.00	0.41
17	27	10	76	7.3	27.5	2.47	24.78	5.58	8.7	27.2	2.93	9.4	28.5	0.18	0.00	0.13
18	27	10	76	5.4	310.4	0.27	26.23	10.88	6.8	336.3	0.88	9.9	358.9	-1.04	0.00	0.02
19	27	10	76	6.6	290.0	-0.37	26.60	7.65	7.2	316.6	0.16	9.4	349.2	-0.93	0.00	0.01
20	27	10	76	4.1	293.8	0.24	26.44	11.72	4.5	320.3	0.39	6.0	355.2	-0.11	0.00	0.01
21	27	10	76	5.9	300.3	0.22	26.45	7.12	6.3	319.4	0.61	7.2	356.4	-0.45	0.00	0.01
22	27	10	76	4.6	296.1	0.82	26.28	4.45	4.2	323.5	0.93	3.7	358.3	-0.06	0.00	0.01
23	27	10	76	4.6	299.6	0.83	26.29	3.38	4.1	322.9	0.98	3.2	342.0	0.01	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	28	10	76	3.4	292.0	0.71	26.46	3.48	3.0	319.5	0.53	1.6	337.6	-0.13	0.00	0.01
1	28	10	76	3.4	235.0	0.76	26.85	4.16	2.9	224.0	-0.19	1.0	202.5	0.11	0.00	0.01
2	28	10	76	5.1	283.6	0.45	26.44	3.73	4.9	289.3	0.57	3.3	303.2	-0.15	0.00	0.01
3	28	10	76	4.8	302.9	-0.61	26.84	5.85	5.5	322.0	-0.09	5.1	355.6	-0.60	0.00	0.01
4	28	10	76	3.5	332.1	-0.91	27.00	17.48	3.9	335.2	-0.70	4.8	353.8	-0.08	0.00	0.00
5	28	10	76	3.2	278.7	-1.28	27.70	2.44	2.1	327.8	-1.72	1.7	41.6	-0.32	0.00	0.01
6	28	10	76	3.3	297.8	-1.10	27.41	4.62	3.1	328.6	-1.26	2.2	16.4	-0.02	0.00	0.01
7	28	10	76	1.0	257.5	-0.85	28.19	1.50	1.2	331.1	-2.62	0.9	318.0	0.18	0.00	0.01
8	28	10	76	1.3	59.9	-0.22	26.38	6.52	1.5	29.1	1.14	1.1	9.4	0.46	0.00	0.18
9	28	10	76	3.4	77.3	0.85	24.50	14.25	3.6	80.5	1.79	3.3	91.4	0.52	0.00	0.44
10	28	10	76	3.8	74.6	2.20	23.44	19.15	4.4	61.2	3.02	3.8	55.3	0.56	0.00	0.67
11	28	10	76	4.6	69.3	3.47	22.63	18.73	4.6	63.6	4.17	4.7	74.4	0.59	0.00	0.85
12	28	10	76	4.5	79.2	4.37	21.77	13.99	4.7	71.0	4.79	4.9	73.8	0.51	0.00	0.93
13	28	10	76	5.9	55.1	5.80	21.44	16.97	6.2	52.5	6.12	5.7	61.6	0.74	0.00	0.93
14	28	10	76	3.4	1.6	7.00	21.31	27.47	3.9	338.9	7.57	3.5	316.9	0.85	0.00	0.83
15	28	10	76	6.9	40.5	7.53	21.60	15.73	7.3	34.9	7.78	7.1	37.8	0.69	0.00	0.65
16	28	10	76	5.2	72.8	6.99	21.20	9.09	6.0	65.9	7.33	7.0	70.2	0.63	0.00	0.40
17	28	10	76	3.6	67.5	5.49	22.94	6.80	5.0	47.5	6.00	6.2	43.5	0.07	0.00	0.11
18	28	10	76	6.5	292.1	4.16	24.67	3.33	7.1	299.0	4.52	8.0	311.4	-0.12	0.00	0.02
19	28	10	76	4.8	290.2	3.92	24.85	9.11	4.9	311.5	4.14	5.5	356.4	-0.56	0.00	0.01
20	28	10	76	4.7	296.3	3.62	24.95	5.90	4.9	311.1	3.91	4.2	353.3	-0.38	0.00	0.01
21	28	10	76	5.5	297.6	3.74	24.92	2.85	5.4	308.9	3.89	3.2	338.3	0.01	0.00	0.01
22	28	10	76	5.5	284.6	2.71	25.31	6.00	6.0	306.0	3.12	6.5	333.4	-0.56	0.00	0.01
23	28	10	76	11.5	288.6	2.05	25.49	3.37	12.7	307.0	4.08	12.8	327.6	-2.27	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
**	**	**	**													
0	29	10	76	7.0	296.4	2.19	25.34	8.09	10.4	299.0	3.60	11.7	319.5	-1.65	0.00	0.01
1	29	10	76	4.4	234.2	1.99	25.83	7.15	3.3	253.1	1.71	2.4	281.6	-0.29	0.00	0.01
2	29	10	76	0.9	225.6	2.01	26.42	8.34	1.9	212.6	0.89	1.3	227.7	-0.43	0.00	0.01
3	29	10	76	0.9	215.7	1.22	27.06	15.64	2.6	143.8	0.83	2.2	114.5	-0.20	0.00	0.01
4	29	10	76	1.0	222.1	1.56	26.45	8.06	2.6	201.7	0.86	0.9	163.8	0.04	0.00	0.01
5	29	10	76	0.9	224.4	1.25	27.39	7.81	1.5	309.6	-0.65	0.9	133.2	-0.05	0.00	0.01
6	29	10	76	0.9	71.1	0.59	27.61	2.58	0.9	20.0	-2.65	0.9	351.2	-0.31	0.00	0.01
7	29	10	76	0.9	166.7	0.52	27.71	7.66	1.0	331.0	-0.99	1.1	11.1	-0.63	0.00	0.01
8	29	10	76	0.9	86.8	1.68	25.36	9.55	1.7	58.9	4.69	1.7	119.0	0.17	0.00	0.17
9	29	10	76	1.7	67.4	2.64	23.81	9.05	3.8	72.7	3.48	4.0	106.6	0.42	0.00	0.42
10	29	10	76	2.1	79.4	4.53	22.40	13.97	4.2	69.0	5.17	4.2	78.5	0.65	0.00	0.65
11	29	10	76	1.3	88.9	6.23	20.97	20.64	3.2	67.7	7.38	3.7	64.5	0.42	0.00	0.83
12	29	10	76	2.9	85.0	7.94	20.08	18.90	5.2	73.3	8.63	5.3	64.3	0.67	0.00	0.90
13	29	10	76	6.3	49.3	8.98	20.32	13.03	8.4	45.4	9.24	8.6	53.4	0.68	0.00	0.91
14	29	10	76	3.9	64.4	9.57	19.65	12.87	5.9	52.6	9.86	5.8	53.7	0.70	0.00	0.81
15	29	10	76	4.4	346.8	9.94	20.33	22.79	6.0	344.5	10.04	5.8	353.5	0.75	0.00	0.63
16	29	10	76	2.7	73.1	9.79	19.37	13.04	5.0	70.1	10.24	4.9	71.6	0.55	0.00	0.38
17	29	10	76	1.0	103.2	8.59	20.57	4.68	5.0	90.3	8.82	5.0	98.3	0.27	0.00	0.10
18	29	10	76	0.9	191.8	7.66	23.28	6.97	1.1	22.5	5.56	1.8	131.6	0.05	0.00	0.02
19	29	10	76	1.4	218.5	7.53	22.87	9.02	3.0	215.5	7.19	2.3	191.3	-0.12	0.00	0.01
20	29	10	76	1.1	224.6	7.26	22.86	4.93	3.7	202.8	7.30	4.0	189.9	-0.11	0.00	0.01
21	29	10	76	0.9	199.6	6.88	23.50	5.81	2.8	174.4	6.51	3.5	160.6	0.06	0.00	0.01
22	29	10	76	2.1	299.7	6.41	23.20	4.55	4.2	313.8	6.55	3.5	312.2	-0.22	0.00	0.01
23	29	10	76	0.9	189.9	6.49	23.62	7.15	2.7	139.7	5.16	2.2	71.9	-0.21	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
0	30	10	76	0.9	297.0	5.52	23.92	9.90	2.2	345.8	4.62	2.7	25.0	-0.07	0.00	0.01
1	30	10	76	0.9	336.9	5.21	24.13	17.53	2.0	351.7	4.62	1.8	1.1	-0.25	0.00	0.01
2	30	10	76	1.3	292.4	4.70	24.09	2.90	2.4	315.1	4.32	1.5	41.2	-0.20	0.00	0.01
3	30	10	76	0.9	318.8	4.78	24.15	2.10	2.0	343.0	4.10	0.9	357.6	-0.14	0.00	0.01
4	30	10	76	0.9	221.6	4.15	24.48	5.72	2.7	215.1	3.07	1.8	216.1	-0.70	0.00	0.01
5	30	10	76	0.9	283.3	4.69	24.01	12.45	3.4	312.3	4.67	1.4	311.0	-0.40	0.00	0.01
6	30	10	76	0.9	87.1	2.30	25.08	2.57	2.1	74.5	1.97	1.4	115.7	-1.08	0.00	0.01
7	30	10	76	0.9	127.1	2.80	25.92	3.73	1.6	31.6	1.09	3.1	1.1	-0.40	0.00	0.01
8	30	10	76	0.9	206.0	2.48	24.61	6.56	1.4	269.7	3.15	0.9	216.9	-1.10	0.00	0.11
9	30	10	76	0.9	50.8	5.63	21.31	22.03	1.8	54.8	8.02	1.9	85.6	0.54	0.00	0.40
10	30	10	76	5.5	76.9	6.56	21.44	9.55	6.8	69.4	6.75	7.5	74.0	0.74	0.00	0.64
11	30	10	76	5.5	63.7	6.91	21.35	12.47	7.4	60.0	7.10	7.7	63.1	0.69	0.00	0.82
12	30	10	76	5.6	35.5	8.09	20.66	17.15	7.3	33.6	8.19	6.9	39.4	0.80	0.00	0.90
13	30	10	76	5.0	36.4	8.97	20.32	19.93	6.8	30.1	9.10	6.6	33.1	0.87	0.00	0.89
14	30	10	76	6.2	32.3	9.35	20.28	17.51	7.5	27.4	9.44	7.6	28.8	0.80	0.00	0.80
15	30	10	76	5.2	32.3	9.58	20.08	14.42	7.0	29.8	9.85	6.9	36.1	0.65	0.00	0.60
16	30	10	76	4.5	41.7	9.49	20.32	16.44	6.4	36.3	9.95	6.3	37.3	0.60	0.00	0.35
17	30	10	76	5.7	31.4	8.11	21.98	6.21	8.3	32.7	8.61	9.5	36.1	-0.03	0.00	0.09
18	30	10	76	3.1	319.5	6.50	23.06	14.36	5.4	3.2	6.86	7.7	22.8	-0.64	0.00	0.02
19	30	10	76	4.6	305.6	6.07	23.28	6.52	5.2	325.4	6.30	5.1	357.1	-0.14	0.00	0.01
20	30	10	76	5.4	299.6	5.91	23.28	5.55	6.2	317.2	6.34	6.7	353.6	-0.47	0.00	0.01
21	30	10	76	4.9	295.0	5.93	23.28	6.43	5.2	315.1	6.11	5.6	358.4	-0.32	0.00	0.01
22	30	10	76	5.4	297.1	5.85	23.33	5.28	5.5	314.5	6.10	5.6	355.8	-0.37	0.00	0.01
23	30	10	76	4.3	306.1	5.06	23.62	5.42	5.6	328.7	5.47	5.7	3.1	-0.61	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
0	31	10	76	4.0	291.1	5.56	23.46	2.79	4.3	306.9	5.64	3.1	335.3	0.06	0.00	0.01
1	31	10	76	0.9	281.4	6.03	23.64	3.36	3.5	291.1	5.78	2.5	274.9	0.13	0.00	0.01
2	31	10	76	0.9	230.0	5.99	23.52	5.57	2.5	221.0	5.52	2.4	199.5	-0.09	0.00	0.01
3	31	10	76	4.6	223.8	5.85	23.42	3.26	5.7	206.0	5.99	5.5	209.2	0.05	0.00	0.01
4	31	10	76	0.9	240.6	5.97	23.51	4.18	2.3	270.0	5.17	1.4	252.1	-0.12	0.00	0.01
5	31	10	76	0.9	220.7	5.37	24.34	4.83	1.5	307.7	3.84	1.1	190.9	-0.36	0.00	0.01
6	31	10	76	1.0	175.5	3.50	24.55	6.75	2.1	175.2	3.44	1.5	271.8	-0.93	0.00	0.01
7	31	10	76	3.0	276.9	5.07	24.08	5.17	4.3	283.7	5.09	3.5	278.4	-0.04	0.00	0.01
8	31	10	76	0.9	64.3	3.94	23.46	5.50	2.1	60.2	6.14	1.9	141.5	-0.49	0.00	0.16
9	31	10	76	0.9	87.8	5.79	21.42	16.62	3.6	85.8	6.99	3.4	107.3	0.56	0.00	0.41
10	31	10	76	1.4	109.3	8.24	20.26	15.08	4.6	110.3	8.89	4.6	149.5	0.69	0.00	0.63
11	31	10	76	8.8	258.8	9.47	20.93	9.19	10.4	257.0	9.17	11.1	259.2	0.87	0.00	0.82
12	31	10	76	12.4	258.4	10.21	20.67	9.88	14.4	252.0	9.82	15.6	255.8	0.80	0.00	0.91
13	31	10	76	13.1	260.9	10.61	20.54	9.34	14.9	255.5	10.21	16.0	256.2	0.77	0.00	0.92
14	31	10	76	8.8	262.6	11.33	20.05	12.69	9.9	256.0	11.22	11.0	260.9	0.85	0.00	0.82
15	31	10	76	8.6	287.8	11.24	20.12	11.97	11.0	279.7	11.14	12.2	285.4	0.84	0.00	0.63
16	31	10	76	8.9	293.1	10.72	20.60	9.06	10.6	287.4	10.75	11.4	289.2	0.65	0.00	0.38
17	31	10	76	1.4	262.3	9.45	21.46	5.94	4.5	270.1	9.85	4.9	275.9	0.14	0.00	0.10
18	31	10	76	6.5	211.6	8.44	22.39	3.36	7.0	208.1	8.63	7.1	224.3	-0.09	0.00	0.02
19	31	10	76	9.6	248.9	7.06	22.77	6.45	11.8	232.2	7.94	13.6	220.3	-1.60	0.00	0.01
20	31	10	76	8.3	243.5	7.39	22.63	3.72	10.7	244.8	8.38	12.4	246.9	-1.10	0.00	0.01
21	31	10	76	10.0	246.3	7.39	22.61	4.89	13.3	249.9	8.33	15.9	256.1	-0.82	0.00	0.01
22	31	10	76	10.0	238.7	6.90	22.78	5.62	13.4	248.1	7.85	15.6	260.1	-0.70	0.00	0.01
23	31	10	76	8.5	221.2	6.12	23.08	10.54	11.9	241.2	7.32	16.8	260.2	-1.32	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	1	11	76	10.4	245.5	6.57	22.90	6.15	14.3	253.1	7.49	17.7	263.7	-0.88	0.00	0.01
1	1	11	76	7.4	249.7	6.86	22.82	10.37	12.1	256.1	7.51	15.1	262.5	-0.35	0.00	0.01
2	1	11	76	1.8	255.8	5.77	23.72	9.63	3.3	265.3	5.61	3.8	256.9	-0.70	0.00	0.01
3	1	11	76	6.5	261.4	6.15	23.27	3.07	7.7	267.0	6.78	8.7	280.9	-0.49	0.00	0.01
4	1	11	76	10.1	256.9	6.30	23.08	3.76	11.6	268.2	7.47	11.8	279.6	-0.98	0.00	0.01
5	1	11	76	10.2	260.1	6.93	22.79	3.18	9.2	271.7	7.99	7.3	286.3	-0.68	0.00	0.01
6	1	11	76	3.1	299.3	4.88	23.72	10.61	2.9	337.3	4.80	1.4	331.3	-0.89	0.00	0.01
7	1	11	76	1.2	311.1	4.33	24.41	4.75	2.1	347.7	3.87	3.4	5.4	-1.02	0.00	0.01
8	1	11	76	0.9	160.5	6.10	23.30	7.76	2.1	123.7	8.09	1.0	178.0	-0.28	0.00	0.16
9	1	11	76	3.0	65.9	7.20	21.27	8.86	2.9	71.9	8.48	1.9	153.6	-0.35	0.00	0.40
10	1	11	76	5.0	79.2	8.52	20.28	7.55	5.6	75.2	8.85	5.6	82.8	0.40	0.00	0.63
11	1	11	76	6.4	83.7	9.82	19.72	9.34	7.3	76.3	9.81	7.9	82.4	0.75	0.00	0.81
12	1	11	76	4.8	101.5	10.92	18.61	16.04	5.9	101.1	11.16	5.6	111.1	0.64	0.00	0.89
13	1	11	76	5.6	270.2	12.04	18.82	20.89	6.5	265.8	12.14	6.9	259.1	0.90	0.00	0.88
14	1	11	76	8.1	279.7	12.16	19.33	11.14	8.7	272.2	12.00	8.4	270.0	0.83	0.00	0.81
15	1	11	76	9.6	264.5	12.09	19.75	9.94	10.9	258.3	11.96	11.6	255.3	0.78	0.00	0.58
16	1	11	76	8.9	263.8	11.82	20.02	8.25	10.4	262.8	12.04	11.0	264.1	0.62	0.00	0.37
17	1	11	76	6.8	275.3	10.31	21.25	3.95	7.7	279.2	10.89	8.2	282.9	-0.02	0.00	0.10
18	1	11	76	5.6	239.7	9.52	21.90	5.79	6.8	247.5	9.99	7.6	256.8	-0.29	0.00	0.02
19	1	11	76	6.2	290.1	8.07	22.53	4.82	6.0	308.8	8.58	5.1	328.6	-0.60	0.00	0.01
20	1	11	76	4.8	284.9	7.52	22.62	7.16	3.7	301.5	7.56	5.0	312.1	-0.79	0.00	0.01
21	1	11	76	2.5	192.0	8.52	23.09	11.43	2.4	89.9	7.93	3.3	156.9	-0.20	0.00	0.01
22	1	11	76	2.4	264.7	8.66	22.65	8.02	2.8	284.3	8.34	1.3	266.7	-0.25	0.00	0.01
23	1	11	76	8.3	311.6	7.04	22.70	4.77	9.4	336.5	8.62	10.6	359.3	-1.86	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
++	++	++	++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	2	11	76	6.9	297.9	6.32	23.08	6.43	7.8	323.3	7.46	8.0	353.2	-1.59	0.00	0.01
1	2	11	76	8.6	301.8	5.84	23.27	6.45	9.0	328.8	7.38	9.8	357.1	-1.64	0.00	0.01
2	2	11	76	3.4	306.1	5.93	23.46	10.98	4.1	338.2	6.22	5.3	7.4	-0.66	0.00	0.01
3	2	11	76	3.6	288.9	6.71	23.19	3.61	3.6	305.5	6.52	1.9	336.9	0.10	0.00	0.01
4	2	11	76	1.1	288.4	6.94	23.40	4.63	2.4	301.6	6.14	0.9	237.3	0.03	0.00	0.01
5	2	11	76	1.0	239.9	7.14	23.52	4.55	1.9	290.6	4.69	1.0	188.1	-0.01	0.00	0.01
6	2	11	76	1.1	238.0	6.97	23.55	5.30	1.5	320.2	4.62	1.2	206.1	-0.04	0.00	0.01
7	2	11	76	2.6	224.7	6.56	23.68	5.73	2.9	204.4	5.51	2.4	175.2	-0.42	0.00	0.00
8	2	11	76	0.9	159.3	7.53	22.51	7.38	1.9	133.2	9.01	1.4	161.2	0.39	0.00	0.14
9	2	11	76	1.6	160.7	8.61	20.58	16.42	2.7	145.5	9.97	1.8	174.3	0.57	0.00	0.39
10	2	11	76	5.2	64.6	9.52	19.87	12.74	5.1	61.6	10.32	5.5	71.3	0.49	0.00	0.61
11	2	11	76	4.1	85.1	10.77	19.37	18.48	5.1	66.6	11.10	5.6	82.9	0.73	0.00	0.79
12	2	11	76	5.3	90.3	11.96	18.35	18.10	5.4	66.9	12.28	5.0	61.6	0.51	0.00	0.87
13	2	11	76	4.7	264.3	13.09	17.96	18.46	4.3	265.2	13.59	4.5	251.7	0.68	0.00	0.87
14	2	11	76	8.6	12.1	13.16	19.74	26.95	9.4	2.4	13.00	9.7	7.1	0.86	0.00	0.78
15	2	11	76	7.9	358.5	13.28	19.59	30.40	8.6	351.8	13.16	8.7	356.7	0.96	0.00	0.59
16	2	11	76	7.1	343.3	11.81	20.67	18.22	8.1	339.8	11.93	8.2	344.1	0.43	0.00	0.20
17	2	11	76	6.9	297.0	10.76	21.10	2.26	6.8	309.1	11.21	6.2	322.6	-0.04	0.00	0.07
18	2	11	76	5.8	294.8	10.11	21.59	3.06	5.1	318.3	10.50	4.9	338.4	-0.26	0.00	0.01
19	2	11	76	7.4	296.6	9.76	21.68	3.58	6.7	318.9	10.22	5.9	349.7	-0.46	0.00	0.01
20	2	11	76	6.3	297.0	9.64	21.81	4.91	6.1	319.8	10.07	5.9	349.4	-0.49	0.00	0.01
21	2	11	76	3.1	350.9	9.11	22.12	14.93	4.0	17.2	9.03	5.2	42.2	-0.13	0.00	0.01
22	2	11	76	2.7	256.9	8.42	23.02	4.05	1.9	312.1	6.72	1.3	310.7	0.12	0.00	0.01
23	2	11	76	4.8	241.5	8.97	22.17	2.53	3.6	242.6	8.72	2.0	258.4	0.15	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	3	11	76	6.3	269.3	9.01	22.18	4.19	6.5	280.7	9.26	5.4	298.3	0.02	0.00	0.01
1	3	11	76	7.9	261.4	8.80	22.17	2.98	8.1	277.6	9.43	6.4	289.8	-0.39	0.00	0.01
2	3	11	76	3.6	330.2	7.54	22.60	13.34	3.2	333.2	7.88	2.9	354.7	-0.41	0.00	0.00
3	3	11	76	2.3	265.4	7.29	23.07	11.94	2.4	280.0	7.05	2.7	286.1	-0.25	0.00	0.00
4	3	11	76	2.5	343.6	5.54	23.58	14.50	2.9	353.1	5.20	2.8	25.9	-0.23	0.00	0.00
5	3	11	76	2.8	221.6	5.62	23.67	10.31	2.1	309.2	4.58	1.6	303.7	0.10	0.00	0.00
6	3	11	76	5.0	302.5	5.74	23.44	4.95	4.9	332.7	6.46	4.7	1.1	-0.71	0.00	0.00
7	3	11	76	5.3	312.5	4.14	24.03	13.15	6.6	353.5	4.80	10.0	14.6	-1.19	0.00	0.00
8	3	11	76	3.9	278.2	4.87	23.97	6.04	4.3	305.8	5.29	4.4	340.0	-0.31	0.00	0.06
9	3	11	76	3.1	347.1	6.11	22.94	21.02	3.2	342.1	6.31	2.9	341.9	0.60	0.00	0.19
10	3	11	76	8.2	52.7	6.76	22.58	8.52	9.2	50.4	6.80	9.3	52.8	0.72	0.00	0.34
11	3	11	76	11.9	24.0	7.75	22.35	16.18	12.7	18.9	7.66	13.4	24.1	0.87	0.00	0.70
12	3	11	76	12.0	30.0	8.11	22.40	17.18	13.4	24.6	7.91	13.8	23.0	0.84	0.00	0.72
13	3	11	76	12.7	24.7	8.34	22.12	12.61	14.6	22.2	8.10	14.6	24.0	0.95	0.00	0.80
14	3	11	76	7.6	24.6	8.61	21.46	21.23	8.5	20.0	8.57	8.8	18.6	0.67	0.00	0.71
15	3	11	76	10.6	15.8	8.95	21.84	19.61	11.9	15.3	8.85	12.4	15.4	0.81	0.00	0.50
16	3	11	76	9.4	39.5	8.67	21.44	9.58	10.9	39.3	8.90	11.6	37.7	0.60	0.00	0.34
17	3	11	76	7.3	41.2	7.65	22.69	5.57	8.4	37.4	7.87	8.8	38.1	0.25	0.00	0.08
18	3	11	76	4.7	337.2	5.36	23.89	23.26	7.1	13.5	6.14	11.4	35.5	-1.25	0.00	0.02
19	3	11	76	3.9	320.6	5.99	23.94	16.46	4.3	11.1	6.29	7.2	41.9	-0.68	0.00	0.01
20	3	11	76	5.1	308.2	5.24	24.27	9.91	5.5	343.2	5.57	8.7	28.0	-1.10	0.00	0.01
21	3	11	76	3.8	303.0	5.87	24.28	13.08	3.5	357.6	5.97	5.9	41.5	-0.60	0.00	0.01
22	3	11	76	2.6	307.6	5.86	24.43	9.88	2.8	23.7	5.44	5.3	50.3	-0.46	0.00	0.01
23	3	11	76	3.5	295.5	5.34	24.63	5.65	3.1	337.9	5.33	4.7	35.9	-0.49	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	4	11	76	2.5	268.0	5.35	25.41	5.05	2.5	295.6	4.15	1.1	312.3	-0.03	0.00	0.01
1	4	11	76	2.7	207.1	5.56	25.15	4.31	2.9	188.4	4.30	2.8	172.2	-0.08	0.00	0.01
2	4	11	76	5.3	236.1	5.71	24.26	3.37	3.5	217.3	5.59	3.1	187.1	0.04	0.00	0.01
3	4	11	76	4.9	234.4	5.82	23.95	2.08	4.1	214.9	5.79	3.8	207.5	0.05	0.00	0.01
4	4	11	76	5.9	228.3	5.45	24.12	3.31	5.6	210.0	5.62	5.1	202.8	-0.07	0.00	0.01
5	4	11	76	4.0	226.0	5.69	24.08	3.54	3.7	199.0	5.38	3.3	193.7	0.11	0.00	0.01
6	4	11	76	1.9	209.9	4.64	25.02	11.34	2.6	243.1	4.11	2.7	210.3	-0.70	0.00	0.01
7	4	11	76	4.2	235.6	5.52	24.30	2.11	3.7	232.2	5.39	2.6	260.7	0.05	0.00	0.00
8	4	11	76	1.5	6.6	999.00	24.65	20.86	2.7	359.3	7.45	2.4	6.6	999.00	0.00	0.14
9	4	11	76	2.6	70.8	4.95	21.94	12.50	2.5	78.2	6.94	2.8	137.1	0.26	0.00	0.38
10	4	11	76	4.9	85.7	7.16	20.61	8.84	5.1	83.0	7.60	5.4	92.9	0.46	0.00	0.59
11	4	11	76	5.3	161.4	9.34	19.90	17.00	5.8	161.3	9.56	5.7	164.3	0.67	0.00	0.78
12	4	11	76	8.2	269.9	10.54	20.13	14.23	8.7	263.8	10.28	8.3	268.7	0.94	0.00	0.87
13	4	11	76	5.1	265.7	11.22	19.01	21.41	5.4	262.2	11.44	5.4	259.0	0.66	0.00	0.87
14	4	11	76	5.7	206.2	11.78	19.05	18.03	5.8	207.5	12.13	6.3	204.6	0.59	0.00	0.77
15	4	11	76	6.2	263.4	11.95	19.00	12.19	6.6	263.3	12.20	6.8	264.1	0.64	0.00	0.59
16	4	11	76	5.8	255.6	11.94	19.39	8.44	6.5	248.2	13.08	6.4	245.5	0.47	0.00	0.35
17	4	11	76	6.1	258.0	10.52	21.27	3.68	6.9	258.6	10.94	8.4	259.8	0.15	0.00	0.08
18	4	11	76	4.8	192.8	10.19	21.41	7.41	4.6	231.1	10.50	4.3	226.5	-0.63	0.00	0.02
19	4	11	76	4.0	251.4	9.11	22.30	4.41	3.6	264.7	8.99	2.2	250.8	-0.39	0.00	0.01
20	4	11	76	3.8	240.1	9.34	22.23	5.90	3.2	251.9	9.22	2.8	254.4	-0.30	0.00	0.01
21	4	11	76	7.3	232.1	9.37	21.91	3.94	8.0	226.6	9.81	8.6	232.8	-0.20	0.00	0.01
22	4	11	76	2.4	288.4	7.63	22.88	16.30	5.4	282.3	8.02	8.5	267.5	-1.22	0.00	0.01
23	4	11	76	1.8	170.5	8.36	23.62	16.72	2.4	71.0	6.82	3.4	97.9	-0.22	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
++	++	++	++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	5	11	76	2.9	236.7	7.91	23.26	6.87	2.4	247.6	6.76	1.3	224.8	-0.33	0.00	0.01
1	5	11	76	1.7	29.9	8.02	23.08	15.93	1.9	320.2	7.17	1.9	278.3	-0.36	0.00	0.01
2	5	11	76	3.9	220.8	7.70	23.48	11.05	4.3	232.4	6.99	5.1	232.2	-0.16	0.00	0.01
3	5	11	76	2.0	9.8	6.32	23.74	20.03	1.5	1.4	4.82	1.8	256.2	-1.00	0.00	0.01
4	5	11	76	3.7	250.0	6.82	23.60	10.56	3.0	272.5	5.76	2.6	265.7	0.09	0.00	0.01
5	5	11	76	3.6	298.3	5.95	23.34	7.23	3.1	297.1	5.97	2.9	254.9	-0.71	0.00	0.01
6	5	11	76	5.3	207.5	5.81	23.49	5.77	5.0	207.6	6.31	4.1	208.0	-0.85	0.00	0.01
7	5	11	76	1.8	179.6	6.09	24.26	5.10	2.7	142.1	5.57	4.5	126.4	-0.13	0.00	0.00
8	5	11	76	1.3	277.6	6.41	23.47	1.46	1.7	328.0	6.52	3.1	174.6	-0.07	0.00	0.10
9	5	11	76	2.7	157.4	8.00	20.86	14.18	2.8	150.6	9.19	2.7	157.3	0.57	0.00	0.36
10	5	11	76	5.2	80.7	9.42	19.84	8.22	5.9	82.6	9.73	6.3	101.5	0.47	0.00	0.60
11	5	11	76	5.8	105.5	10.59	19.17	11.03	6.4	97.8	10.69	6.7	107.7	0.61	0.00	0.78
12	5	11	76	4.9	77.0	12.57	17.90	16.29	5.5	72.1	12.79	5.9	77.6	0.59	0.00	0.85
13	5	11	76	5.4	71.4	14.17	17.37	15.30	5.4	57.8	14.44	5.1	67.8	0.62	0.00	0.86
14	5	11	76	4.5	130.9	15.07	17.04	21.31	4.7	116.7	15.58	4.3	144.5	0.62	0.00	0.76
15	5	11	76	4.9	317.0	15.17	17.77	23.17	5.1	311.0	15.40	5.4	313.2	0.73	0.00	0.58
16	5	11	76	4.0	89.6	14.55	16.84	11.19	4.5	78.0	14.98	4.6	92.7	0.61	0.00	0.36
17	5	11	76	3.3	251.3	12.58	19.65	18.02	3.6	274.5	13.08	3.5	284.0	-0.41	0.00	0.08
18	5	11	76	5.1	212.2	10.87	21.29	10.02	5.3	204.8	11.64	5.1	198.3	-0.89	0.00	0.02
19	5	11	76	4.6	204.1	10.19	21.84	5.91	5.1	176.7	10.74	5.4	160.3	-0.58	0.00	0.01
20	5	11	76	3.4	201.6	9.76	22.22	6.89	4.3	186.3	9.91	4.2	169.5	-0.44	0.00	0.01
21	5	11	76	2.8	227.1	10.45	21.91	6.05	2.4	206.6	9.22	1.0	210.5	0.18	0.00	0.01
22	5	11	76	8.3	237.5	10.89	21.30	2.15	7.9	236.3	11.54	8.0	249.6	-0.83	0.00	0.01
23	5	11	76	4.2	129.2	8.99	22.21	10.26	4.8	111.8	9.45	4.7	168.1	-0.76	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
0	6	11	76	3.2	248.8	9.89	22.12	8.58	2.6	275.2	9.13	2.4	281.0	0.14	0.00	0.01
1	6	11	76	5.5	231.1	9.96	21.88	3.73	5.3	230.3	9.90	3.6	243.8	-0.06	0.00	0.01
2	6	11	76	1.7	97.5	9.15	23.25	10.29	3.0	51.5	7.63	3.3	70.3	-0.15	0.00	0.01
3	6	11	76	5.7	238.8	8.49	22.34	7.14	6.5	232.1	8.82	7.1	227.2	-0.26	0.00	0.01
4	6	11	76	3.3	214.4	7.84	22.77	8.42	3.9	234.7	7.80	4.1	239.3	-0.12	0.00	0.01
5	6	11	76	3.2	49.3	7.21	22.60	11.65	2.9	306.6	7.16	4.3	267.8	-0.79	0.00	0.01
6	6	11	76	2.9	274.4	6.72	23.42	4.04	2.2	257.6	5.43	2.8	177.3	-0.68	0.00	0.01
7	6	11	76	1.2	201.1	7.17	24.02	4.47	2.0	235.5	6.01	2.1	208.3	-0.42	0.00	0.01
8	6	11	76	1.2	270.8	7.80	22.53	14.58	1.5	55.0	8.94	1.8	177.3	0.18	0.00	0.13
9	6	11	76	3.0	38.7	9.03	20.41	12.92	3.1	45.7	11.07	2.1	69.5	0.54	0.00	0.40
10	6	11	76	4.8	84.0	9.60	19.57	10.03	5.4	76.6	10.01	5.1	73.6	0.49	0.00	0.58
11	6	11	76	6.2	101.9	10.96	19.03	11.02	6.7	91.8	11.05	6.9	86.7	0.69	0.00	0.80
12	6	11	76	7.0	87.5	12.05	18.38	9.02	7.7	84.2	12.00	8.0	85.8	0.74	0.00	0.85
13	6	11	76	5.0	60.9	12.17	19.30	11.42	6.4	58.7	12.27	6.7	68.4	0.64	0.00	0.62
14	6	11	76	6.4	65.9	12.93	17.52	9.17	6.7	61.7	13.19	6.3	66.8	0.70	0.00	0.73
15	6	11	76	5.9	38.7	12.79	19.98	15.58	6.3	35.3	12.76	6.0	37.5	0.62	0.00	0.33
16	6	11	76	9.1	27.2	12.11	20.51	6.77	10.2	22.2	12.11	10.3	24.7	0.54	0.00	0.19
17	6	11	76	9.1	10.9	10.74	21.13	13.39	10.7	10.9	10.90	11.3	13.5	0.32	0.00	0.05
18	6	11	76	7.0	355.0	9.26	21.74	29.92	9.0	3.3	9.69	11.5	10.2	-0.13	0.00	0.01
19	6	11	76	2.9	17.8	8.82	22.27	14.60	3.8	26.0	8.68	4.2	41.7	0.22	0.00	0.00
20	6	11	76	4.5	232.9	8.42	22.46	3.71	4.6	223.2	8.41	3.3	236.6	0.03	0.00	0.01
21	6	11	76	5.4	301.0	7.02	22.85	5.34	5.5	316.7	7.31	6.0	347.5	-0.27	0.00	0.01
22	6	11	76	6.2	304.0	6.95	22.86	5.02	6.0	320.9	7.35	6.2	342.5	-0.24	0.00	0.01
23	6	11	76	4.9	297.2	6.72	22.97	5.23	4.8	317.5	6.96	4.5	6.3	-0.35	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	7	11	76	2.4	274.6	6.77	23.15	11.66	2.6	313.8	6.40	2.6	3.9	-0.18	0.00	0.01
1	7	11	76	4.1	300.1	6.33	23.27	3.66	3.8	324.9	6.42	3.4	358.3	-0.22	0.00	0.01
2	7	11	76	2.1	353.0	4.22	24.20	15.38	2.8	26.0	3.90	4.7	36.1	-0.18	0.00	0.01
3	7	11	76	1.7	160.1	4.41	25.25	6.54	1.6	27.8	2.43	2.9	30.7	-0.07	0.00	0.01
4	7	11	76	1.6	224.7	4.76	24.66	5.40	1.3	339.2	1.96	1.1	296.0	-0.18	0.00	0.01
5	7	11	76	2.3	316.6	3.63	25.28	5.85	1.1	27.2	1.51	2.1	13.0	-0.42	0.00	0.01
6	7	11	76	2.9	330.7	2.72	25.03	6.98	2.6	44.5	2.67	2.2	69.3	-1.04	0.00	0.01
7	7	11	76	2.8	285.9	3.06	25.09	1.81	2.2	323.3	1.95	2.3	8.0	-0.52	0.00	0.00
8	7	11	76	1.8	93.3	4.23	23.58	4.50	1.5	52.7	6.23	1.0	324.8	-0.08	0.00	0.13
9	7	11	76	3.3	68.2	5.60	21.78	9.93	3.4	72.4	7.03	3.0	96.9	0.45	0.00	0.37
10	7	11	76	4.8	70.3	7.32	20.53	10.15	4.8	70.2	7.97	4.7	89.4	0.47	0.00	0.58
11	7	11	76	4.2	76.1	9.70	19.02	15.72	4.5	69.8	10.33	4.2	71.5	0.60	0.00	0.76
12	7	11	76	7.7	263.1	12.13	18.94	16.01	8.3	255.1	12.04	8.5	255.8	0.79	0.00	0.84
13	7	11	76	9.3	266.6	12.11	19.41	10.08	10.1	260.7	11.88	10.7	255.4	0.80	0.00	0.82
14	7	11	76	11.1	263.2	11.88	20.20	7.55	12.4	255.7	11.72	12.4	256.3	0.70	0.00	0.58
15	7	11	76	8.8	261.6	12.08	20.28	6.74	9.5	253.1	12.03	9.7	256.8	0.63	0.00	0.39
16	7	11	76	4.7	234.0	12.10	19.39	14.77	5.4	227.9	13.19	5.9	231.0	0.54	0.00	0.30
17	7	11	76	6.3	256.7	10.10	21.38	6.68	7.2	236.7	10.55	9.7	230.8	-0.24	0.00	0.07
18	7	11	76	10.6	253.3	9.20	21.88	3.41	11.9	249.4	9.60	13.3	245.9	0.06	0.00	0.02
19	7	11	76	9.1	237.2	8.63	22.06	5.23	11.4	228.6	9.47	12.6	228.5	-0.79	0.00	0.01
20	7	11	76	9.2	234.9	9.36	21.81	2.31	9.1	227.9	10.01	9.0	232.0	-0.51	0.00	0.01
21	7	11	76	7.5	233.2	9.93	21.62	1.22	7.9	231.3	10.33	8.4	239.3	-0.23	0.00	0.01
22	7	11	76	7.5	245.5	9.44	21.79	1.64	7.8	237.4	9.80	7.7	236.5	-0.08	0.00	0.01
23	7	11	76	2.9	242.9	8.30	22.33	20.87	3.1	265.3	8.41	3.8	232.8	-0.38	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	8	11	76	3.6	206.6	8.47	22.64	20.11	3.6	185.9	8.24	4.4	225.7	0.02	0.00	0.01
1	8	11	76	4.9	248.6	7.57	22.66	14.84	6.9	249.8	7.87	10.4	257.3	-0.28	0.00	0.01
2	8	11	76	4.4	272.1	6.61	22.96	19.69	4.9	275.7	7.22	7.5	275.8	-0.62	0.00	0.01
3	8	11	76	5.7	258.3	6.90	23.07	6.28	7.0	258.2	7.22	8.9	258.1	-0.39	0.00	0.01
4	8	11	76	2.3	84.1	6.52	24.11	14.32	3.3	59.7	5.67	2.9	347.0	-0.39	0.00	0.01
5	8	11	76	3.1	128.7	6.89	23.29	12.03	3.5	128.3	7.03	4.1	150.1	-0.75	0.00	0.01
6	8	11	76	2.6	241.9	7.24	22.91	17.81	3.2	260.9	7.43	4.9	250.7	-0.47	0.00	0.01
7	8	11	76	3.6	193.5	7.34	23.21	15.79	4.5	205.5	7.26	6.0	233.8	-0.07	0.00	0.00
8	8	11	76	3.0	64.6	5.98	23.08	11.89	3.9	67.6	7.10	2.6	30.4	-1.95	0.00	0.08
9	8	11	76	2.1	17.4	7.75	21.98	21.00	2.4	51.0	8.94	2.7	183.4	-0.90	0.00	0.25
10	8	11	76	7.8	248.3	10.73	20.64	12.80	9.1	245.2	10.75	9.8	245.9	0.62	0.00	0.36
11	8	11	76	15.3	254.9	11.65	20.40	9.71	17.3	252.6	11.28	18.3	257.7	0.61	0.00	0.64
12	8	11	76	14.7	273.8	12.62	20.08	10.66	16.8	268.6	12.09	18.2	274.0	0.96	0.00	0.70
13	8	11	76	13.9	281.6	12.63	20.28	9.24	16.3	277.0	12.27	16.8	278.3	0.80	0.00	0.60
14	8	11	76	14.6	287.0	12.40	20.35	7.85	16.6	284.2	12.16	16.7	288.3	0.65	0.00	0.47
15	8	11	76	12.7	273.3	12.73	20.37	10.34	14.6	270.1	12.58	16.4	273.5	0.67	0.00	0.41
16	8	11	76	8.5	272.2	11.99	20.49	8.87	10.1	268.7	12.09	10.9	275.7	0.41	0.00	0.22
17	8	11	76	6.9	259.7	11.14	21.06	4.81	8.5	266.2	11.64	9.7	273.9	-0.15	0.00	0.07
18	8	11	76	7.1	257.3	10.04	21.66	6.84	10.3	265.7	11.12	12.3	279.1	-1.00	0.00	0.01
19	8	11	76	10.3	251.5	10.32	21.48	3.61	11.7	259.7	11.31	12.8	270.4	-0.85	0.00	0.01
20	8	11	76	9.9	267.5	9.52	21.87	5.68	14.1	270.9	10.94	15.3	281.6	-1.27	0.00	0.01
21	8	11	76	12.0	265.4	9.86	21.63	6.65	16.0	265.4	10.70	18.1	276.5	-0.61	0.00	0.01
22	8	11	76	10.5	257.8	9.17	21.92	6.26	14.1	261.5	10.17	15.1	273.5	-0.89	0.00	0.01
23	8	11	76	12.3	258.5	8.73	22.06	5.71	15.6	259.2	9.63	16.0	271.4	-0.86	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	9	11	76	9.6	265.9	8.29	22.26	6.03	13.0	267.5	9.15	14.9	279.2	-0.68	0.00	0.01
1	9	11	76	10.4	253.4	7.87	22.53	4.13	12.8	260.5	9.03	13.7	270.9	-0.88	0.00	0.01
2	9	11	76	12.3	260.2	7.28	22.78	4.23	13.9	263.9	8.72	12.7	275.6	-1.36	0.00	0.01
3	9	11	76	5.9	295.5	6.42	23.24	4.89	6.0	304.3	6.87	5.6	310.9	-0.59	0.00	0.01
4	9	11	76	8.6	260.5	7.86	22.72	2.85	6.1	268.3	8.18	3.9	287.4	-0.22	0.00	0.01
5	9	11	76	3.3	112.0	5.07	23.22	14.95	4.1	336.1	6.16	2.7	288.0	-1.73	0.00	0.01
6	9	11	76	4.6	202.4	4.56	24.11	9.52	4.2	212.5	4.99	1.8	218.8	-0.98	0.00	0.01
7	9	11	76	4.5	229.4	5.09	23.75	9.58	3.0	259.0	5.71	1.7	202.8	-1.24	0.00	0.00
8	9	11	76	3.0	180.5	6.84	22.97	3.66	3.6	168.6	7.44	3.3	175.7	0.12	0.00	0.12
9	9	11	76	2.8	167.3	8.54	21.12	11.86	3.1	147.6	9.46	2.7	161.4	0.58	0.00	0.36
10	9	11	76	6.3	95.9	8.92	20.26	9.89	7.4	94.0	8.98	6.9	113.0	0.65	0.00	0.59
11	9	11	76	5.3	61.1	9.84	20.35	12.21	6.1	64.4	10.02	6.0	68.8	0.54	0.00	0.72
12	9	11	76	4.9	98.4	11.13	18.67	18.19	5.5	87.0	11.47	5.8	100.0	0.64	0.00	0.77
13	9	11	76	4.5	56.0	11.92	18.62	15.33	4.6	51.9	12.30	4.6	60.8	0.63	0.00	0.77
14	9	11	76	5.0	11.5	12.27	18.94	20.65	5.2	5.8	12.45	4.8	7.1	0.69	0.00	0.67
15	9	11	76	3.2	278.7	12.61	18.48	21.65	3.6	280.2	13.21	4.8	265.8	0.66	0.00	0.49
16	9	11	76	6.6	252.7	11.54	20.43	8.10	7.7	245.7	12.12	9.0	251.2	0.42	0.00	0.27
17	9	11	76	2.6	32.2	9.98	21.86	23.95	4.1	67.5	9.86	5.1	81.7	-0.02	0.00	0.07
18	9	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
19	9	11	76	4.7	213.7	8.46	22.59	5.44	4.7	195.8	8.78	3.9	174.2	-0.53	0.00	0.01
20	9	11	76	7.2	241.9	8.30	22.42	3.26	7.4	224.2	9.02	6.5	212.7	-0.65	0.00	0.01
21	9	11	76	8.8	242.7	8.06	22.57	4.70	11.5	244.8	9.08	12.3	248.6	-1.23	0.00	0.01
22	9	11	76	11.2	251.8	8.02	22.50	3.44	14.2	248.1	9.19	15.8	256.6	-1.11	0.00	0.01
23	9	11	76	10.7	243.2	8.62	22.26	3.32	12.3	239.4	9.28	13.1	242.1	-0.34	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	10	11	76	6.8	234.9	7.88	22.65	7.63	7.9	238.5	8.28	9.1	242.1	-0.14	0.00	0.01
1	10	11	76	5.8	212.5	7.13	23.11	4.61	6.4	213.0	7.38	7.5	232.0	-0.03	0.00	0.01
2	10	11	76	6.4	250.5	6.37	23.28	3.33	7.9	257.9	7.06	9.9	265.9	-0.88	0.00	0.01
3	10	11	76	10.2	252.5	6.82	23.00	2.27	11.5	250.5	8.03	12.9	253.9	-1.26	0.00	0.01
4	10	11	76	8.0	235.0	6.69	23.33	3.94	8.4	237.9	7.42	10.1	249.4	-0.93	0.00	0.01
5	10	11	76	10.6	250.5	6.37	23.15	2.42	11.7	245.4	7.78	12.2	251.0	-1.41	0.00	0.01
6	10	11	76	9.4	235.0	6.56	23.15	3.55	9.9	230.4	7.38	12.1	228.4	-1.00	0.00	0.01
7	10	11	76	8.6	238.8	6.71	23.08	4.18	10.5	233.6	7.35	11.9	231.9	-0.67	0.00	0.00
8	10	11	76	9.1	249.1	7.57	22.71	5.68	10.6	239.2	8.04	13.4	240.3	-0.20	0.00	0.12
9	10	11	76	10.1	259.9	9.43	21.59	9.96	10.8	246.8	9.51	10.3	242.0	0.50	0.00	0.34
10	10	11	76	14.5	264.1	9.63	21.54	8.38	16.1	257.2	9.31	16.7	257.2	0.59	0.00	0.56
11	10	11	76	10.9	260.2	9.61	21.55	8.77	12.5	255.0	9.40	13.3	256.1	0.75	0.00	0.52
12	10	11	76	8.2	247.3	9.77	21.52	12.15	9.0	241.0	9.60	10.4	245.1	0.89	0.00	0.45
13	10	11	76	9.9	288.2	9.14	21.88	9.52	10.6	281.4	8.93	11.3	288.5	0.78	0.00	0.38
14	10	11	76	10.4	307.7	8.45	22.22	8.87	12.1	302.3	8.26	12.6	305.7	0.75	0.00	0.29
15	10	11	76	8.1	278.9	8.07	22.43	7.79	9.4	275.2	8.08	9.9	279.2	0.55	0.00	0.17
16	10	11	76	7.0	313.1	7.56	22.68	8.08	8.2	308.0	7.70	9.2	310.9	0.42	0.00	0.08
17	10	11	76	1.4	298.8	6.56	23.50	9.78	1.7	19.6	5.92	1.1	116.2	-0.09	0.00	0.02
18	10	11	76	6.4	256.1	6.71	23.18	2.69	6.2	237.8	7.13	6.1	238.5	-0.05	0.00	0.01
19	10	11	76	3.5	298.9	5.78	23.59	5.77	4.0	303.5	6.08	4.1	300.4	-0.20	0.00	0.01
20	10	11	76	4.2	5.9	4.60	23.98	22.79	5.4	6.6	5.00	7.4	354.2	-0.34	0.00	0.01
21	10	11	76	4.6	289.1	4.01	24.46	6.89	4.1	314.5	4.14	3.0	11.7	-0.45	0.00	0.01
22	10	11	76	2.6	319.9	3.72	24.95	16.26	2.1	2.8	2.89	2.5	61.1	-0.57	0.00	0.01
23	10	11	76	5.7	293.7	4.23	24.33	4.30	5.3	304.4	4.33	4.8	324.1	0.02	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	11	11	76	2.3	35.6	3.26	24.86	18.16	3.6	62.1	3.41	4.8	59.4	-0.43	0.00	0.01
1	11	11	76	4.8	35.0	0.40	25.83	15.47	5.8	31.0	0.46	7.0	28.4	0.16	0.00	0.01
2	11	11	76	2.3	256.6	-0.51	27.37	17.46	2.8	314.1	-0.89	3.3	332.1	0.00	0.00	0.01
3	11	11	76	3.5	236.1	0.29	27.03	8.52	2.4	242.4	-0.58	1.5	281.0	0.35	0.00	0.01
4	11	11	76	2.5	347.9	-1.40	28.06	32.60	4.0	40.4	-1.84	4.3	57.2	-0.45	0.00	0.01
5	11	11	76	2.4	76.6	-1.31	39.02	10.82	2.6	28.6	-2.80	2.5	7.8	-0.30	0.00	0.01
6	11	11	76	3.0	211.3	-1.97	45.78	7.42	2.6	242.9	-2.90	1.7	263.4	-0.17	0.00	0.01
7	11	11	76	1.8	234.9	-1.35	49.91	7.27	1.9	240.7	-2.16	1.0	294.0	-0.23	0.00	0.01
8	11	11	76	2.7	211.9	0.56	33.69	10.40	3.1	224.9	1.17	3.4	214.7	0.16	0.00	0.14
9	11	11	76	3.3	78.0	2.40	23.80	12.96	3.6	67.0	3.95	3.5	81.1	0.47	0.00	0.34
10	11	11	76	4.8	86.4	2.20	22.96	8.44	5.4	77.3	2.69	5.7	76.4	0.51	0.00	0.56
11	11	11	76	5.1	87.1	3.11	22.28	14.18	6.0	72.9	3.35	6.4	76.6	0.64	0.00	0.74
12	11	11	76	6.1	77.1	3.91	21.92	12.10	6.7	64.2	4.07	7.0	70.5	0.73	0.00	0.82
13	11	11	76	4.7	47.6	4.77	21.99	21.89	5.0	42.8	4.98	5.4	47.0	0.68	0.00	0.82
14	11	11	76	7.5	66.5	5.19	22.08	11.03	8.7	58.8	5.27	9.6	53.3	0.75	0.00	0.72
15	11	11	76	7.4	37.6	5.26	22.64	11.31	8.4	35.9	5.42	8.3	39.1	0.67	0.00	0.54
16	11	11	76	10.4	52.7	4.20	23.40	7.64	11.7	48.6	4.51	12.1	48.7	0.55	0.00	0.27
17	11	11	76	6.2	20.9	2.54	24.94	5.94	7.9	23.0	2.87	9.0	31.4	0.05	0.00	0.06
18	11	11	76	2.5	326.2	1.44	26.04	26.74	3.4	4.6	1.29	5.6	23.1	-0.04	0.00	0.01
19	11	11	76	2.9	331.9	0.50	26.53	26.50	3.9	354.5	0.50	5.2	359.6	0.14	0.00	0.01
20	11	11	76	4.6	314.7	0.09	26.51	12.59	5.3	336.5	0.29	7.1	359.5	-0.02	0.00	0.01
21	11	11	76	4.2	328.1	-0.56	26.67	18.75	4.3	351.6	-0.40	6.7	13.3	-0.02	0.00	0.01
22	11	11	76	4.9	313.4	-1.38	26.96	8.27	5.3	331.4	-1.12	5.4	356.3	-0.01	0.00	0.01
23	11	11	76	5.1	319.1	-1.68	27.01	3.99	5.6	330.6	-1.31	4.3	5.0	-0.28	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR **	DY **	MO **	YR **	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	12	11	76	4.7	335.6	-2.54	27.44	20.68	5.3	0.3	-2.13	6.7	21.5	-0.21	0.00	0.01
1	12	11	76	3.7	337.8	-3.13	27.62	18.80	4.2	353.8	-2.96	5.9	6.6	0.00	0.00	0.01
2	12	11	76	2.9	350.5	-4.14	27.82	31.69	4.4	9.2	-4.02	7.1	19.5	-0.01	0.00	0.01
3	12	11	76	3.9	307.8	-5.98	28.41	11.48	5.1	329.0	-5.56	8.0	353.8	-0.30	0.00	0.01
4	12	11	76	5.7	349.1	-6.92	28.87	31.40	7.8	6.3	-6.59	9.8	3.1	0.11	0.00	0.01
5	12	11	76	5.4	359.6	-7.12	29.04	32.74	6.2	1.4	-6.93	6.9	17.6	0.28	0.00	0.01
6	12	11	76	5.3	9.9	-8.66	29.94	29.63	6.6	7.0	-8.37	7.6	17.2	0.15	0.00	0.01
7	12	11	76	5.2	338.2	-8.92	30.17	28.77	6.0	353.5	-8.73	7.9	9.1	0.23	0.00	0.01
8	12	11	76	4.4	334.8	-8.98	29.63	22.54	5.0	342.8	-8.79	5.7	353.2	0.37	0.00	0.07
9	12	11	76	4.8	4.6	-7.93	28.80	26.20	4.9	358.9	-7.70	4.7	2.3	0.74	0.00	0.28
10	12	11	76	3.9	80.8	-6.41	26.03	14.14	4.3	65.2	-5.43	4.0	50.7	0.54	0.00	0.56
11	12	11	76	5.7	48.4	-4.55	25.90	17.28	6.5	45.2	-3.94	6.5	50.8	0.72	0.00	0.74
12	12	11	76	4.7	91.9	-3.72	24.06	14.20	5.1	80.0	-3.18	5.4	82.9	0.57	0.00	0.78
13	12	11	76	6.2	69.0	-3.06	25.51	13.44	7.0	61.4	-2.87	7.4	60.8	0.72	0.00	0.51
14	12	11	76	4.9	58.3	-2.42	24.89	13.46	5.6	58.7	-2.03	6.1	61.2	0.70	0.00	0.56
15	12	11	76	4.6	73.2	-2.32	25.54	11.08	5.2	64.2	-2.03	5.8	68.9	0.58	999.00	0.35
16	12	11	76	4.0	58.2	-2.41	25.37	9.71	4.7	53.6	-2.08	4.8	57.2	0.58	0.00	0.24
17	12	11	76	2.8	56.2	-2.73	26.77	6.22	4.1	46.5	-2.66	5.0	50.7	0.34	0.00	0.05
18	12	11	76	2.8	302.0	-3.28	27.24	9.61	2.8	6.5	-3.53	5.1	43.6	0.01	0.00	0.01
19	12	11	76	2.7	314.1	-3.53	27.39	16.71	2.9	356.2	-3.84	4.4	24.7	0.17	0.00	0.01
20	12	11	76	3.0	344.5	-3.53	27.44	22.96	3.5	355.5	-3.77	4.0	16.8	0.37	0.00	0.01
21	12	11	76	3.1	322.0	-3.80	27.32	13.88	3.6	348.3	-3.54	4.1	11.5	0.20	0.00	0.00
22	12	11	76	1.7	283.9	-3.64	27.58	5.37	2.1	322.5	-4.12	1.9	329.5	0.42	0.00	0.01
23	12	11	76	2.5	306.8	-4.10	27.78	5.26	1.7	349.2	-4.66	1.4	26.6	0.21	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	13	11	76	3.0	296.8	-4.37	27.95	3.73	3.1	328.7	-4.95	1.8	6.2	0.06	0.00	0.01
1	13	11	76	1.3	221.5	-4.35	27.73	8.68	2.3	318.2	-4.31	1.2	13.9	0.03	0.00	0.01
2	13	11	76	2.8	295.1	-4.66	27.89	3.78	2.2	323.0	-4.74	1.1	193.8	0.09	0.00	0.00
3	13	11	76	3.0	189.5	-4.27	27.82	5.57	3.5	184.8	-4.05	2.6	194.4	-0.04	0.00	0.00
4	13	11	76	2.6	205.7	-4.68	27.90	4.85	3.1	207.7	-4.27	2.9	219.6	-0.35	0.00	0.00
5	13	11	76	2.3	286.5	-4.09	27.79	9.63	2.2	280.7	-3.65	3.6	191.7	-0.89	0.00	0.00
6	13	11	76	7.2	206.1	-2.17	28.12	10.21	9.1	206.1	-1.88	11.2	216.9	0.23	0.00	0.00
7	13	11	76	3.3	97.9	-3.09	29.06	7.20	3.3	93.7	-2.64	3.7	161.6	-0.19	0.00	0.00
8	13	11	76	2.0	148.4	-2.42	29.17	19.50	3.1	153.5	-1.94	5.2	193.7	-0.56	0.00	0.05
9	13	11	76	10.0	254.1	-0.37	27.78	13.72	10.8	236.9	-0.17	15.3	233.3	0.51	0.00	0.17
10	13	11	76	10.6	237.3	0.21	28.61	13.03	12.4	227.7	0.16	17.4	233.2	0.84	0.00	0.30
11	13	11	76	9.9	252.9	0.32	28.58	10.27	11.6	242.6	0.32	11.9	241.1	0.69	0.00	0.31
12	13	11	76	8.6	256.1	-1.54	43.30	8.46	9.4	246.1	-1.56	11.8	240.8	0.66	0.00	0.26
13	13	11	76	8.6	200.4	0.47	43.99	14.20	10.8	200.9	0.30	11.1	220.7	0.93	0.00	0.38
14	13	11	76	9.9	205.3	0.90	34.64	14.57	11.5	216.7	0.81	13.7	224.5	0.94	0.00	0.43
15	13	11	76	8.1	201.0	1.67	29.21	16.85	10.5	196.5	1.67	10.9	215.0	0.85	0.00	0.40
16	13	11	76	9.1	187.1	1.22	29.18	10.20	10.4	191.4	1.25	10.0	201.1	0.67	0.00	0.26
17	13	11	76	4.9	196.3	-0.17	35.06	12.95	6.5	193.2	0.05	7.7	213.1	0.33	0.00	0.07
18	13	11	76	7.6	206.3	-0.86	39.34	11.14	8.8	215.7	-0.60	13.0	223.3	0.14	0.00	0.01
19	13	11	76	5.8	227.3	-1.12	38.04	18.66	7.8	228.2	-0.94	13.9	226.2	0.16	0.00	0.01
20	13	11	76	6.8	240.3	-1.24	37.67	17.28	8.4	227.3	-1.01	15.2	230.9	0.10	0.00	0.01
21	13	11	76	5.9	220.6	-1.39	39.98	16.40	8.6	220.9	-1.17	14.6	226.8	0.08	0.00	0.01
22	13	11	76	4.4	235.3	-1.58	43.40	21.68	6.1	229.7	-1.42	10.1	231.9	0.12	0.00	0.01
23	13	11	76	7.6	260.6	-1.42	42.38	13.65	7.7	239.6	-1.25	11.2	229.8	0.22	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
0	14	11	76	8.4	260.4	-1.26	41.31	13.37	8.7	238.6	-1.08	12.4	232.2	0.28	0.00	0.01
1	14	11	76	4.3	229.5	-1.31	37.54	14.62	5.3	239.3	-1.07	8.4	233.4	0.05	0.00	0.01
2	14	11	76	7.4	251.1	-1.98	43.33	14.75	9.1	235.0	-1.73	13.9	228.7	0.09	0.00	0.01
3	14	11	76	8.0	208.5	-1.99	47.14	13.21	9.6	219.6	-1.67	15.4	228.8	0.01	0.00	0.01
4	14	11	76	10.7	250.3	-2.25	46.61	5.81	12.0	243.0	-1.85	15.3	242.0	-0.16	0.00	0.01
5	14	11	76	12.2	248.7	-1.54	42.68	5.67	15.2	244.3	-0.98	17.4	246.6	-0.18	0.00	0.01
6	14	11	76	11.8	252.1	-1.35	41.73	6.46	13.4	242.2	-0.87	16.5	245.2	-0.08	0.00	0.01
7	14	11	76	9.8	256.9	-1.72	44.33	7.13	11.5	246.5	-1.40	14.0	245.8	0.15	0.00	0.00
8	14	11	76	5.0	262.4	-0.62	40.89	21.43	6.0	238.0	-0.33	8.2	227.9	0.43	0.00	0.09
9	14	11	76	10.1	243.9	0.96	31.28	13.99	12.1	240.8	1.03	14.8	239.2	0.69	0.00	0.31
10	14	11	76	11.0	255.2	1.96	30.21	11.72	12.9	251.8	1.08	14.3	257.8	0.65	0.00	0.35
11	14	11	76	9.2	253.1	1.86	29.00	12.34	10.9	247.2	1.87	12.4	249.0	0.71	0.00	0.37
12	14	11	76	13.9	273.4	2.10	28.99	9.13	16.1	269.2	2.10	17.2	272.2	0.63	0.00	0.29
13	14	11	76	8.9	284.5	1.56	32.38	11.73	11.3	280.3	1.65	12.3	285.3	0.49	0.00	0.15
14	14	11	76	12.5	296.0	2.57	27.72	8.97	14.9	292.6	2.07	15.8	295.5	0.53	0.00	0.18
15	14	11	76	9.3	289.7	2.36	27.40	7.40	11.1	287.6	2.61	12.5	293.3	0.28	0.00	0.09
16	14	11	76	9.2	296.6	2.31	27.21	8.04	12.1	292.5	2.67	14.1	294.7	0.16	0.00	0.07
17	14	11	76	5.8	240.8	1.75	30.65	8.44	6.5	239.9	2.02	7.2	251.1	0.23	0.00	0.02
18	14	11	76	6.1	240.7	1.29	39.07	6.25	7.9	244.6	1.57	9.4	253.3	0.20	0.00	0.01
19	14	11	76	8.9	239.0	0.44	51.52	7.04	11.3	245.3	0.47	11.9	259.7	-0.07	0.00	0.00
20	14	11	76	10.0	255.6	-0.24	57.18	6.50	13.4	255.6	0.35	14.1	266.6	-0.39	0.00	0.00
21	14	11	76	8.9	273.0	-0.40	59.20	4.92	11.3	274.9	0.20	11.5	286.8	-0.19	0.00	0.01
22	14	11	76	8.4	300.1	-0.70	56.32	5.48	11.1	301.0	0.15	12.0	314.0	-0.43	0.00	0.01
23	14	11	76	5.6	336.3	-0.37	37.33	13.54	6.6	335.0	-0.09	7.9	335.2	0.08	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	15	11	76	4.9	318.4	-1.57	37.48	10.80	6.1	359.9	-0.51	7.3	8.9	-0.96	0.00	0.01
1	15	11	76	4.4	305.4	-1.95	42.33	13.90	4.3	330.0	-1.93	5.0	9.2	-0.07	0.00	0.01
2	15	11	76	5.0	284.6	-2.87	46.02	6.59	5.2	324.0	-2.06	5.5	352.9	-1.01	0.00	0.01
3	15	11	76	3.2	245.5	-3.86	49.41	14.44	5.6	281.8	-3.44	7.2	317.3	-1.05	0.00	0.01
4	15	11	76	3.4	222.0	-4.34	48.63	22.06	6.7	287.5	-3.64	10.7	318.8	-2.14	0.00	0.01
5	15	11	76	7.4	306.3	-4.19	42.71	4.35	10.2	321.5	-2.10	9.3	336.1	-1.80	0.00	0.01
6	15	11	76	8.1	298.1	-3.88	46.04	5.11	9.1	320.9	-2.48	9.5	341.1	-1.27	0.00	0.01
7	15	11	76	2.2	311.7	-4.12	49.36	18.76	2.7	29.6	-4.63	3.7	62.6	-0.16	0.00	0.01
8	15	11	76	1.3	344.6	-3.88	51.25	13.47	1.7	26.2	-2.59	3.0	55.7	0.28	0.00	0.20
9	15	11	76	3.3	168.3	-2.87	29.82	12.76	3.7	158.7	-1.27	3.2	155.7	0.57	0.00	0.42
10	15	11	76	4.1	147.2	-1.89	26.40	19.84	4.6	140.7	-0.99	4.8	149.8	0.53	0.00	0.75
11	15	11	76	4.4	103.1	-0.30	24.72	19.30	5.0	94.4	0.73	4.8	119.5	0.55	0.00	0.85
12	15	11	76	4.6	154.7	1.18	24.04	19.56	5.4	158.6	1.64	5.1	172.1	0.83	0.00	0.77
13	15	11	76	3.8	99.9	1.72	23.05	16.76	4.2	77.9	2.49	4.1	82.7	0.55	0.00	0.78
14	15	11	76	6.7	314.8	2.78	24.42	17.92	7.5	314.5	2.75	7.9	316.4	0.80	0.00	0.71
15	15	11	76	8.6	285.0	2.87	24.43	11.72	10.0	280.5	2.88	10.3	284.5	0.74	0.00	0.52
16	15	11	76	8.1	257.7	2.24	24.92	8.84	9.5	253.1	2.94	10.4	255.8	0.50	0.00	0.29
17	15	11	76	7.9	259.9	1.17	26.27	5.17	9.9	258.1	1.59	11.6	259.3	0.03	0.00	0.06
18	15	11	76	8.4	243.7	0.85	26.47	4.12	10.0	239.7	1.49	10.4	249.5	-0.19	0.00	0.01
19	15	11	76	2.9	125.5	0.32	26.68	8.74	3.1	105.6	0.41	3.8	188.8	-0.42	0.00	0.01
20	15	11	76	6.9	269.9	0.53	26.76	6.45	9.0	274.2	1.15	10.1	285.4	-0.46	0.00	0.01
21	15	11	76	4.6	272.2	0.21	26.82	5.08	5.8	295.0	0.66	8.1	307.8	-0.32	0.00	0.01
22	15	11	76	4.8	319.7	0.74	26.61	12.04	6.3	313.7	1.07	7.6	315.0	0.11	0.00	0.01
23	15	11	76	9.8	309.8	0.76	27.23	8.69	11.9	304.9	1.14	13.7	310.4	0.14	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	16	11	76	14.2	304.6	0.81	27.20	7.39	17.5	300.5	1.14	19.8	307.4	0.25	0.00	0.00
1	16	11	76	16.1	304.4	0.58	27.50	7.38	19.6	300.6	0.89	21.4	306.1	0.29	0.00	0.00
2	16	11	76	8.0	334.2	0.34	27.72	20.35	9.4	327.5	0.58	11.2	329.9	0.28	0.00	0.00
3	16	11	76	4.9	355.5	0.19	27.91	28.48	6.1	350.6	0.38	7.6	347.5	0.31	0.00	0.01
4	16	11	76	4.2	329.9	-0.15	28.14	4.40	5.4	349.2	0.20	6.7	354.1	0.03	0.00	0.01
5	16	11	76	4.6	321.3	-1.78	30.19	14.01	7.0	1.8	-1.02	10.4	16.8	-0.98	0.00	0.01
6	16	11	76	3.9	341.0	-1.58	32.11	26.07	5.3	12.6	-1.12	7.8	29.0	-0.19	0.00	0.01
7	16	11	76	4.7	77.5	-1.74	42.57	8.72	6.1	67.8	-1.54	7.2	65.2	0.33	0.00	0.00
8	16	11	76	3.4	50.3	-1.94	47.63	2.21	4.3	47.5	-1.78	5.4	52.6	0.21	0.00	0.06
9	16	11	76	6.3	37.9	-1.26	42.23	6.81	6.7	35.4	-0.99	7.1	38.5	0.49	0.00	0.21
10	16	11	76	6.9	59.1	0.16	27.65	11.42	7.9	55.4	0.45	8.4	55.8	0.73	0.00	0.52
11	16	11	76	11.0	43.6	1.47	26.27	9.66	12.0	42.1	1.52	12.1	38.6	0.81	0.00	0.69
12	16	11	76	8.2	49.2	2.30	25.43	12.77	9.7	46.2	2.37	10.8	47.2	0.75	0.00	0.69
13	16	11	76	9.4	51.6	3.47	24.23	13.23	10.6	44.8	3.65	10.8	45.7	0.79	0.00	0.76
14	16	11	76	7.9	91.1	3.26	24.41	10.88	8.5	85.4	3.30	8.7	89.8	0.71	0.00	0.50
15	16	11	76	4.7	49.9	3.85	23.47	15.48	4.9	51.9	4.21	5.2	70.1	0.64	0.00	0.44
16	16	11	76	4.6	89.4	3.74	22.45	7.49	5.1	85.0	4.09	5.8	95.6	0.56	0.00	0.27
17	16	11	76	2.1	181.6	3.28	25.65	3.23	2.6	163.4	2.93	2.6	168.6	0.34	0.00	0.05
18	16	11	76	4.6	225.1	2.27	25.87	8.24	5.2	213.5	2.91	4.9	197.2	-0.49	0.00	0.01
19	16	11	76	3.3	215.3	2.73	25.19	5.63	3.9	200.7	2.70	4.6	189.4	0.03	0.00	0.01
20	16	11	76	3.9	193.5	2.41	25.66	4.31	4.9	176.2	2.51	6.0	165.3	-0.28	0.00	0.01
21	16	11	76	4.4	216.9	2.73	25.30	5.91	4.5	193.7	2.68	4.2	185.5	-0.15	0.00	0.01
22	16	11	76	2.2	288.3	2.44	25.88	2.09	1.3	336.7	0.78	2.5	162.4	-0.28	0.00	0.01
23	16	11	76	3.2	277.2	2.44	25.89	3.68	2.4	280.9	1.65	1.2	193.7	-0.12	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   6C METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	17	11	76	4.9	225.0	3.06	25.15	3.30	4.8	205.0	3.12	4.7	196.2	0.05	0.00	0.01
1	17	11	76	1.9	251.9	2.71	26.13	9.20	2.3	263.7	2.33	2.0	224.8	-0.62	0.00	0.01
2	17	11	76	1.3	296.6	2.22	30.41	11.53	2.4	319.7	0.95	1.4	166.4	-0.34	0.00	0.01
3	17	11	76	1.9	229.0	1.93	29.19	13.48	2.1	296.7	1.63	2.4	226.2	-0.81	0.00	0.01
4	17	11	76	1.9	111.9	1.98	29.38	12.22	1.6	340.4	1.00	2.2	244.6	-0.80	0.00	0.01
5	17	11	76	1.4	276.2	2.33	30.32	18.79	2.4	221.0	2.04	2.6	202.3	-0.51	0.00	0.01
6	17	11	76	1.6	244.8	0.99	31.81	9.68	2.2	319.1	0.13	1.7	331.1	-0.93	0.00	0.01
7	17	11	76	2.0	319.6	0.97	31.71	4.17	2.2	324.0	0.23	1.1	272.6	-1.02	0.00	0.00
8	17	11	76	1.6	5.4	-0.14	29.18	21.07	2.9	53.0	1.09	3.6	71.0	-0.52	0.00	0.09
9	17	11	76	2.1	81.6	2.43	23.73	12.24	2.5	77.6	4.07	3.3	165.8	0.36	0.00	0.30
10	17	11	76	3.7	127.3	5.31	21.62	16.59	4.3	117.6	6.00	4.7	129.5	0.71	0.00	0.51
11	17	11	76	6.2	99.3	6.20	21.14	11.28	6.9	95.1	6.25	7.3	103.9	0.83	0.00	0.67
12	17	11	76	5.4	97.2	7.48	20.17	16.29	6.3	88.8	7.66	6.6	99.1	0.69	0.00	0.77
13	17	11	76	6.1	108.1	8.81	19.32	12.40	6.3	94.5	9.09	6.5	103.7	0.58	0.00	0.77
14	17	11	76	4.6	111.3	10.07	18.67	19.35	4.7	102.7	10.80	4.6	128.8	0.59	0.00	0.67
15	17	11	76	4.2	199.2	10.90	19.15	13.34	4.7	210.7	11.45	4.8	229.0	0.61	0.00	0.50
16	17	11	76	3.3	85.6	10.52	18.11	7.65	3.5	74.1	11.05	3.4	87.5	0.43	0.00	0.28
17	17	11	76	1.3	54.0	8.88	21.96	15.56	2.2	35.9	8.07	2.8	38.5	0.14	0.00	0.05
18	17	11	76	3.0	209.6	7.79	23.19	10.51	2.6	232.3	6.57	1.7	185.4	-0.57	0.00	0.01
19	17	11	76	6.1	229.0	7.97	22.62	3.72	5.9	212.3	8.24	5.4	196.5	-0.19	0.00	0.01
20	17	11	76	3.2	202.3	8.09	22.67	7.66	4.2	196.6	8.32	4.3	184.5	-0.26	0.00	0.01
21	17	11	76	3.5	291.0	7.33	23.80	2.84	2.5	336.9	5.70	1.7	344.0	-0.30	0.00	0.01
22	17	11	76	2.8	103.2	7.27	23.58	5.94	2.8	84.0	6.51	0.9	149.4	-0.87	0.00	0.01
23	17	11	76	4.2	316.1	5.48	23.98	8.20	4.7	330.9	5.85	4.1	334.9	-0.69	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	18	11	76	9.4	241.6	6.03	23.48	2.87	10.1	238.8	6.90	10.4	246.5	-1.28	0.00	0.01
1	18	11	76	4.4	234.5	4.26	24.47	12.26	4.6	258.4	4.83	6.6	266.5	-0.87	0.00	0.01
2	18	11	76	8.0	230.2	4.46	24.33	4.52	8.8	222.2	5.12	9.5	236.8	-0.72	0.00	0.01
3	18	11	76	5.9	231.6	6.21	23.72	4.54	7.2	236.4	6.81	8.7	245.1	-0.77	0.00	0.01
4	18	11	76	2.9	39.0	3.82	24.59	18.72	3.1	62.0	4.33	3.4	127.4	-1.48	0.00	0.01
5	18	11	76	6.9	302.5	2.80	25.57	4.47	6.3	320.8	3.28	4.7	352.9	-0.92	0.00	0.01
6	18	11	76	6.0	309.0	3.50	24.98	7.02	7.2	321.0	4.05	7.1	343.8	-0.63	0.00	0.01
7	18	11	76	4.0	167.6	2.19	26.26	5.47	4.8	149.5	2.27	4.9	135.2	-0.39	0.00	0.00
8	18	11	76	3.6	213.0	3.59	24.82	11.33	5.3	215.0	4.11	7.2	200.8	-0.32	0.00	0.09
9	18	11	76	2.1	4.9	6.76	21.71	25.33	2.4	11.9	8.62	2.1	155.2	0.66	0.00	0.32
10	18	11	76	2.4	144.7	8.43	19.43	20.17	2.9	132.6	9.92	3.2	156.1	0.49	0.00	0.53
11	18	11	76	4.5	88.6	9.44	19.67	11.77	4.7	78.8	9.65	5.3	87.4	0.68	0.00	0.54
12	18	11	76	6.9	36.0	9.82	20.17	14.91	7.6	37.4	9.99	7.4	36.8	0.72	0.00	0.71
13	18	11	76	6.4	80.4	10.23	19.43	12.56	6.8	73.9	10.35	7.5	75.1	0.69	0.00	0.77
14	18	11	76	6.1	123.6	10.63	18.65	13.85	6.8	113.0	10.93	7.0	115.1	0.65	0.00	0.63
15	18	11	76	4.2	67.8	10.78	18.45	12.55	4.8	63.5	11.27	5.1	70.6	0.59	0.00	0.50
16	18	11	76	3.0	64.5	10.48	18.36	8.88	3.4	58.9	10.96	3.4	60.1	0.50	0.00	0.27
17	18	11	76	2.2	249.5	9.44	21.70	9.21	2.5	54.3	8.95	2.6	88.5	0.05	0.00	0.05
18	18	11	76	3.4	235.0	8.82	22.64	7.17	2.3	243.9	7.00	1.0	169.7	0.19	0.00	0.01
19	18	11	76	4.9	224.1	8.41	22.39	4.90	3.9	210.0	8.41	3.6	195.5	-0.06	0.00	0.01
20	18	11	76	4.5	239.3	8.25	22.71	3.80	3.4	231.2	7.90	2.9	220.1	0.11	0.00	0.01
21	18	11	76	5.4	277.7	7.35	22.92	3.63	4.9	283.0	7.53	4.4	288.1	0.09	0.00	0.01
22	18	11	76	7.1	264.2	7.16	22.94	2.28	5.6	275.7	7.47	5.2	281.6	0.00	0.00	0.01
23	18	11	76	3.9	284.0	6.98	23.14	3.67	4.4	298.6	6.98	3.6	325.4	0.04	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	19	11	76	2.9	308.4	6.09	23.54	5.28	3.1	349.3	6.22	3.2	22.3	-0.44	0.00	0.01
1	19	11	76	1.3	149.7	4.93	24.30	4.46	2.6	104.2	4.30	2.2	31.0	-0.51	0.00	0.01
2	19	11	76	2.3	188.1	3.44	25.27	6.92	3.7	188.8	3.84	2.8	177.0	-0.75	0.00	0.01
3	19	11	76	2.1	220.0	2.88	25.39	11.66	5.1	209.0	4.04	4.2	199.4	-1.43	0.00	0.01
4	19	11	76	0.9	193.5	4.07	25.19	4.26	3.6	179.5	4.22	3.5	149.4	-0.47	0.00	0.01
5	19	11	76	0.9	230.3	3.83	26.20	10.91	1.8	309.5	2.58	2.1	286.8	-0.20	0.00	0.01
6	19	11	76	4.6	235.7	3.85	24.75	4.92	5.2	245.6	4.35	4.1	264.3	-0.45	0.00	0.01
7	19	11	76	5.1	263.1	2.40	25.88	12.69	9.7	260.8	3.31	13.6	268.6	-1.18	0.00	0.01
8	19	11	76	0.9	22.4	1.28	27.11	19.38	2.8	12.6	2.53	4.3	302.7	-1.02	0.00	0.08
9	19	11	76	1.2	139.2	4.39	22.86	18.84	3.3	159.7	5.82	4.9	201.5	0.29	0.00	0.29
10	19	11	76	2.3	88.1	5.54	21.32	10.65	4.1	80.4	6.06	4.2	98.9	0.51	0.00	0.51
11	19	11	76	9.5	257.2	8.12	21.37	8.70	10.6	248.0	8.36	10.5	251.4	0.72	0.00	0.67
12	19	11	76	9.8	251.6	8.82	20.95	11.32	10.8	246.4	8.58	10.8	250.7	0.89	0.00	0.77
13	19	11	76	8.6	253.9	8.84	20.83	9.80	9.7	249.4	8.75	9.4	249.8	0.72	0.00	0.77
14	19	11	76	10.4	252.4	8.84	21.08	9.67	11.8	246.0	8.75	12.3	249.6	0.68	0.00	0.68
15	19	11	76	7.8	247.6	8.95	20.87	10.58	9.7	242.6	9.05	11.1	245.9	0.77	0.00	0.50
16	19	11	76	7.6	243.9	999.00	21.38	11.48	9.8	240.6	9.34	12.5	242.6	999.00	0.00	0.27
17	19	11	76	8.6	264.4	999.00	22.82	5.51	11.3	264.3	7.52	12.9	268.3	999.00	0.00	0.60
18	19	11	76	5.4	291.4	999.00	23.43	4.10	6.4	291.2	6.31	7.0	295.9	999.00	0.00	0.01
19	19	11	76	8.9	259.4	999.00	23.38	4.41	10.9	269.0	7.18	9.1	290.9	999.00	0.00	0.00
20	19	11	76	0.9	306.1	999.00	24.05	7.30	2.8	337.4	4.76	2.7	356.7	999.00	0.00	0.00
21	19	11	76	1.0	321.6	999.00	23.63	15.89	3.6	5.0	5.70	3.7	24.8	999.00	0.00	0.00
22	19	11	76	4.7	289.7	999.00	23.50	5.47	4.7	310.6	5.94	3.9	348.6	999.00	0.00	0.00
23	19	11	76	0.9	207.6	999.00	24.51	4.64	2.3	168.5	3.12	1.1	143.7	999.00	0.00	0.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	21	11	76	1.2	52.3	-0.28	25.67	27.51	3.4	49.1	-0.66	4.5	50.1	-0.02	0.00	0.01
1	21	11	76	0.9	257.4	-0.50	26.51	4.73	2.0	300.6	-2.73	1.9	291.9	-0.02	0.00	0.01
2	21	11	76	0.9	82.9	-0.66	26.72	2.60	2.6	64.6	-2.38	1.3	130.7	-0.65	0.00	0.01
3	21	11	76	1.6	185.8	-2.09	26.75	13.55	3.7	203.2	-2.08	2.1	201.1	-0.98	0.00	0.01
4	21	11	76	1.1	245.7	-1.16	26.63	11.75	2.4	275.2	-2.20	2.7	247.4	-0.53	0.00	0.01
5	21	11	76	0.9	304.6	-0.48	26.11	4.85	2.0	298.5	-2.09	1.9	235.3	-1.02	0.00	0.01
6	21	11	76	0.9	318.0	-0.11	26.76	10.94	1.2	352.7	-2.74	1.3	265.7	-0.70	0.00	0.01
7	21	11	76	1.6	293.2	-1.34	26.48	8.12	2.3	286.9	-2.04	1.7	277.5	-1.49	0.00	0.01
8	21	11	76	0.9	239.8	1.25	24.95	3.33	3.0	242.2	1.51	2.7	224.5	0.06	0.00	0.07
9	21	11	76	2.3	69.9	2.01	22.83	7.71	2.9	72.0	3.87	2.7	125.3	0.16	0.00	0.28
10	21	11	76	3.6	85.1	2.25	21.95	7.31	4.6	82.2	2.88	4.3	100.9	0.29	0.00	0.50
11	21	11	76	3.1	72.0	4.14	20.59	14.84	4.3	68.3	4.77	4.2	88.0	0.59	0.00	0.65
12	21	11	76	4.5	60.0	5.78	20.00	12.52	5.4	61.7	6.19	5.3	69.9	0.55	0.00	0.76
13	21	11	76	5.9	73.3	6.83	19.78	15.13	7.1	60.7	7.10	7.6	68.3	0.65	0.00	0.76
14	21	11	76	5.5	21.9	7.55	20.87	25.57	6.2	17.7	7.67	6.4	24.9	0.78	0.00	0.66
15	21	11	76	6.5	94.1	6.89	19.68	9.39	7.5	90.2	7.13	7.9	94.3	0.53	0.00	0.49
16	21	11	76	3.9	96.3	6.49	19.97	6.89	4.9	90.7	6.78	5.0	100.8	0.50	0.00	0.26
17	21	11	76	3.5	92.0	5.18	23.31	4.08	4.8	76.9	5.31	6.0	79.5	0.18	0.00	0.05
18	21	11	76	4.2	222.3	4.54	23.71	6.26	4.0	200.0	4.23	3.7	185.5	0.18	0.00	0.01
19	21	11	76	5.4	240.0	3.97	23.72	4.11	5.6	219.0	4.38	5.0	192.2	-0.44	0.00	0.01
20	21	11	76	3.4	232.6	4.58	23.78	3.07	3.2	215.2	4.00	2.9	191.3	0.15	0.00	0.01
21	21	11	76	5.1	229.0	4.49	23.62	4.98	5.6	219.2	4.50	6.0	205.4	0.06	0.00	0.01
22	21	11	76	3.9	279.3	3.72	24.05	5.01	3.0	305.7	3.72	3.2	324.2	-0.47	0.00	0.01
23	21	11	76	1.3	6.3	2.97	24.26	13.16	1.8	36.0	2.02	2.9	60.6	-0.26	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
				WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	22	11	76	3.1	303.1	2.72	24.38	6.60	2.9	326.1	2.60	1.9	346.6	-0.36	0.00	0.01
1	22	11	76	0.9	204.2	2.64	25.53	1.10	1.0	345.5	-0.31	0.9	174.8	-0.38	0.00	0.01
2	22	11	76	2.2	243.1	2.96	24.82	13.19	2.9	290.0	2.77	2.8	272.6	-0.80	0.00	0.01
3	22	11	76	3.6	251.7	4.00	24.11	5.34	3.2	276.6	3.73	2.8	290.6	-0.22	0.00	0.01
4	22	11	76	6.6	224.2	2.97	24.04	3.23	7.3	222.4	3.25	5.9	249.3	-0.55	0.00	0.01
5	22	11	76	2.9	299.1	2.50	24.72	11.70	4.3	300.5	2.65	5.0	291.3	-0.45	0.00	0.01
6	22	11	76	5.4	247.4	3.07	24.75	16.23	6.3	273.1	3.37	6.6	281.9	-0.99	0.00	0.01
7	22	11	76	12.4	253.8	4.21	23.48	2.35	9.6	249.4	5.36	6.3	248.6	-0.96	0.00	0.01
8	22	11	76	11.3	241.6	3.47	23.71	6.00	14.3	243.8	4.41	10.9	250.6	-1.27	0.00	0.04
9	22	11	76	8.3	217.8	4.55	23.08	14.00	10.1	215.6	4.66	11.4	231.2	0.42	0.00	0.21
10	22	11	76	5.0	70.7	4.13	21.94	8.73	5.4	60.2	4.77	5.2	51.1	0.02	0.00	0.48
11	22	11	76	8.8	243.0	6.94	21.17	12.92	9.4	244.1	7.02	10.8	248.6	0.90	0.00	0.63
12	22	11	76	11.0	251.2	7.38	21.59	9.35	12.7	249.1	7.10	14.5	252.3	0.93	0.00	0.68
13	22	11	76	13.7	256.7	6.75	22.12	7.02	16.1	250.8	6.66	17.4	256.4	0.47	0.00	0.54
14	22	11	76	11.8	259.0	7.83	21.16	8.86	13.0	252.7	7.66	13.5	255.0	0.66	0.00	0.63
15	22	11	76	10.8	251.7	7.87	21.18	8.61	12.1	249.0	7.94	13.3	253.6	0.60	0.00	0.48
16	22	11	76	9.5	277.3	7.16	21.50	7.92	11.4	274.0	7.42	12.3	279.5	0.34	0.00	0.26
17	22	11	76	9.6	247.0	5.67	22.89	4.11	11.6	252.9	6.44	13.4	264.0	-0.66	0.00	0.05
18	22	11	76	9.2	267.2	6.05	22.87	3.10	10.0	273.4	6.87	9.9	284.8	-0.49	0.00	0.01
19	22	11	76	9.9	270.4	5.33	23.10	5.56	13.8	277.0	6.60	14.4	288.2	-1.09	0.00	0.01
20	22	11	76	10.4	281.3	5.11	23.23	2.35	11.2	291.1	6.38	10.9	303.6	-1.19	0.00	0.01
21	22	11	76	8.2	291.1	4.97	23.19	2.62	6.5	301.2	5.92	8.8	313.6	-0.77	0.00	0.01
22	22	11	76	11.6	304.1	3.54	23.72	3.56	13.6	311.5	4.69	15.0	330.2	-1.10	0.00	0.01
23	22	11	76	4.7	301.4	1.63	24.65	9.55	5.0	339.7	2.14	6.6	25.3	-1.11	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	23	11	76	1.3	196.0	2.27	24.82	5.25	1.3	355.6	0.19	1.8	35.4	-0.14	0.00	0.01
1	23	11	76	2.3	28.5	1.39	25.22	21.43	3.4	35.3	0.77	4.6	34.7	0.06	0.00	0.01
2	23	11	76	1.8	165.0	0.72	25.86	12.38	2.4	81.6	-0.48	2.4	96.0	0.12	0.00	0.01
3	23	11	76	3.1	237.5	0.96	25.35	5.97	2.6	279.9	0.31	2.1	269.0	0.27	0.00	0.01
4	23	11	76	4.4	292.3	0.43	25.48	2.56	4.0	304.1	0.48	3.1	314.3	-0.10	0.00	0.01
5	23	11	76	3.3	291.7	0.53	25.47	1.51	2.8	312.0	0.30	2.2	317.4	-0.06	0.00	0.01
6	23	11	76	2.8	252.7	0.53	25.68	4.10	2.5	287.0	0.06	1.4	274.3	-0.03	0.00	0.01
7	23	11	76	3.6	236.8	0.63	25.55	1.92	3.5	217.7	0.34	3.4	205.0	0.08	0.00	0.01
8	23	11	76	3.3	220.0	0.67	25.02	8.58	3.6	225.1	1.19	3.0	202.2	0.03	0.00	0.06
9	23	11	76	5.1	179.3	1.45	23.86	5.68	5.8	183.1	2.01	5.6	196.5	0.17	0.00	0.27
10	23	11	76	5.4	145.3	3.44	22.46	12.67	6.0	143.3	3.79	5.9	142.6	0.64	0.00	0.49
11	23	11	76	5.4	115.0	4.83	20.93	16.36	6.1	105.6	5.11	6.5	114.9	0.62	0.00	0.65
12	23	11	76	4.1	34.1	5.95	20.71	22.89	4.4	40.7	6.56	3.9	47.7	0.55	0.00	0.75
13	23	11	76	5.8	255.8	7.56	20.13	21.51	5.9	256.7	7.96	6.3	263.8	0.73	0.00	0.75
14	23	11	76	8.3	234.6	7.70	20.86	11.58	9.1	231.3	7.77	9.7	240.2	0.75	0.00	0.66
15	23	11	76	6.7	246.8	8.00	20.82	12.32	7.0	239.4	8.27	7.9	242.3	0.64	0.00	0.46
16	23	11	76	4.9	252.2	7.89	20.62	15.88	6.1	245.0	8.79	6.9	249.2	0.43	0.00	0.35
17	23	11	76	3.3	261.9	6.31	22.74	13.07	3.7	263.9	6.24	4.3	274.2	0.09	0.00	0.06
18	23	11	76	4.0	211.4	4.92	23.62	13.98	5.7	235.1	4.96	7.4	251.3	-0.24	0.00	0.01
19	23	11	76	4.5	180.5	3.87	24.30	6.05	5.7	162.4	3.81	5.9	150.0	-0.49	0.00	0.01
20	23	11	76	4.7	219.1	3.60	24.02	7.85	4.5	194.5	3.61	3.9	163.9	-0.15	0.00	0.01
21	23	11	76	5.3	288.3	3.75	23.88	2.79	3.8	303.7	3.75	2.1	321.1	-0.35	0.00	0.01
22	23	11	76	1.6	178.3	4.15	24.44	6.69	1.3	24.7	1.46	1.4	72.7	-0.04	0.00	0.01
23	23	11	76	2.7	233.8	3.93	24.50	10.03	2.3	261.1	2.76	2.3	222.0	-0.40	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

HR	DY	MO	YR	10 - METER LEVEL WS10	WDR10	AT10	RH10	SG10	30 - METER LEVEL WS30	WDR30	AT30	60 - METER LEVEL WS60	WDR60	DT60	PREC	SI
0	24	11	76	8.2	233.3	4.63	23.35	1.77	7.7	229.5	5.35	7.0	230.7	-0.57	0.00	0.01
1	24	11	76	8.5	247.1	3.39	23.76	2.44	8.5	249.0	5.07	7.4	245.2	-1.78	0.00	0.01
2	24	11	76	2.1	2.1	2.15	24.71	20.99	3.6	345.8	2.06	3.4	325.8	-0.82	0.00	0.01
3	24	11	76	1.7	236.5	2.78	24.93	12.32	1.6	11.5	0.94	1.6	96.9	-0.35	0.00	0.01
4	24	11	76	1.1	265.6	2.14	25.31	6.71	1.5	38.7	0.44	1.3	67.9	-0.80	0.00	0.01
5	24	11	76	4.5	224.5	2.51	24.81	5.38	5.2	220.5	2.51	5.9	227.3	-0.59	0.00	0.01
6	24	11	76	2.6	324.4	1.87	24.87	17.08	2.4	0.1	0.31	2.0	57.7	-0.42	0.00	0.01
7	24	11	76	2.6	298.4	1.41	25.27	10.65	1.6	1.9	0.38	2.5	167.5	-1.31	0.00	0.01
8	24	11	76	1.2	307.8	2.50	24.43	8.91	1.4	36.9	3.39	0.9	75.3	-0.30	0.00	0.06
9	24	11	76	2.2	199.4	3.90	21.86	14.17	3.0	196.8	5.21	2.7	235.2	0.24	0.00	0.27
10	24	11	76	4.2	219.4	5.84	21.15	18.83	5.5	222.7	6.41	5.6	235.2	0.66	0.00	0.48
11	24	11	76	8.0	255.5	6.44	21.45	10.28	8.7	250.3	6.40	8.8	249.0	0.70	0.00	0.65
12	24	11	76	9.1	248.0	7.67	21.06	13.61	10.1	249.4	7.52	10.8	248.3	0.84	0.00	0.75
13	24	11	76	11.3	257.6	8.18	21.01	9.07	12.5	251.6	7.91	13.9	253.3	0.80	0.00	0.76
14	24	11	76	10.4	268.4	8.63	20.60	8.12	11.5	261.3	8.54	11.2	257.6	0.65	0.00	0.66
15	24	11	76	9.6	264.2	8.58	20.61	7.25	10.5	257.1	8.70	10.4	251.4	0.53	0.00	0.48
16	24	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
17	24	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
18	24	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
19	24	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
20	24	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
21	24	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
22	24	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
23	24	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
1	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
2	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
3	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
4	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
5	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
6	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
7	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
8	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
9	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
10	25	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
11	25	11	76	16.0	263.0	5.22	22.46	10.80	18.1	257.2	5.21	19.8	260.8	0.59	0.00	0.56
12	25	11	76	21.7	268.1	6.09	22.36	9.63	24.6	262.9	5.42	26.9	266.9	0.60	0.00	0.74
13	25	11	76	21.8	272.6	6.83	22.05	9.35	25.1	268.9	6.08	27.9	275.5	0.91	0.00	0.82
14	25	11	76	18.7	281.4	6.63	22.28	9.30	22.2	272.7	6.32	24.4	279.6	0.73	0.00	0.58
15	25	11	76	15.6	267.8	6.48	22.34	10.90	18.8	262.5	6.41	21.8	267.9	0.55	0.00	0.33
16	25	11	76	16.9	276.0	6.09	22.61	9.69	19.6	270.2	6.20	22.7	274.1	0.37	0.00	0.19
17	25	11	76	14.1	268.0	5.01	23.10	9.74	17.0	264.6	5.30	19.8	273.2	0.19	0.00	0.04
18	25	11	76	16.9	258.1	3.75	23.56	8.35	19.9	252.8	4.04	22.7	257.5	0.23	0.00	0.01
19	25	11	76	19.2	276.6	3.78	23.56	8.74	22.6	273.7	4.05	24.9	280.6	0.25	0.00	0.01
20	25	11	76	10.7	251.4	3.10	23.84	7.19	12.8	252.8	3.41	14.3	263.2	0.13	0.00	0.01
21	25	11	76	7.6	255.8	2.55	24.09	6.74	9.4	255.5	2.88	10.7	264.1	0.08	0.00	0.00
22	25	11	76	10.7	273.8	2.19	24.26	8.25	13.3	272.4	2.69	15.3	279.6	-0.12	0.00	0.01
23	25	11	76	13.6	278.0	1.87	24.38	9.16	16.7	275.4	2.23	18.2	284.8	0.13	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	26	11	76	16.0	312.4	0.54	24.81	8.30	18.3	306.1	0.74	20.6	309.0	0.33	0.00	0.00
1	26	11	76	4.4	314.8	-3.16	42.22	23.21	6.0	300.3	-3.01	6.0	306.4	0.30	0.00	0.00
2	26	11	76	4.6	268.9	-4.16	60.43	14.12	6.9	280.7	-3.71	8.3	274.3	-0.48	0.00	0.00
3	26	11	76	14.0	269.5	-3.81	30.02	7.87	16.4	263.9	-3.60	19.0	273.7	0.34	0.00	0.00
4	26	11	76	14.4	293.5	-5.02	29.05	7.79	17.3	289.4	-4.85	19.3	294.1	0.35	0.00	0.00
5	26	11	76	16.1	330.6	-7.11	39.29	15.74	18.4	324.7	-7.00	19.8	332.4	0.38	0.00	0.00
6	26	11	76	14.7	1.3	-9.68	54.18	27.68	15.9	357.9	-9.50	17.1	6.2	0.39	0.00	0.00
7	26	11	76	12.8	18.3	-10.90	50.90	11.11	14.5	16.2	-10.70	14.8	18.4	0.39	0.00	0.01
8	26	11	76	10.7	23.8	-11.90	49.11	9.69	12.0	19.5	-11.70	11.9	21.4	0.44	0.00	0.02
9	26	11	76	10.7	12.2	-12.00	48.74	21.06	11.5	7.3	-11.90	11.4	12.7	0.56	0.00	0.18
10	26	11	76	11.3	19.4	-11.20	36.21	14.61	12.8	15.1	-11.30	12.9	18.6	0.80	0.00	0.38
11	26	11	76	10.4	33.2	-11.20	34.04	9.62	11.9	28.5	-11.10	12.0	29.3	0.65	0.00	0.41
12	26	11	76	12.1	29.6	-10.80	32.83	8.22	13.7	25.9	-10.80	14.0	27.0	0.63	0.00	0.35
13	26	11	76	15.0	22.8	-10.70	32.97	8.36	16.4	18.5	-10.70	16.6	18.6	0.58	0.00	0.31
14	26	11	76	17.9	14.5	-10.60	32.43	10.60	19.7	9.7	-10.60	19.8	13.1	0.61	0.00	0.29
15	26	11	76	17.9	19.4	-10.70	31.74	10.42	20.5	12.9	-10.60	21.2	16.4	0.57	0.00	0.29
16	26	11	76	16.9	14.0	-11.20	30.87	9.67	18.4	9.1	-11.00	19.1	13.6	0.48	0.00	0.20
17	26	11	76	15.2	11.6	-12.50	31.47	12.38	17.4	11.4	-12.20	18.9	13.9	0.29	0.00	0.04
18	26	11	76	15.7	18.2	-13.50	32.08	10.74	17.8	15.8	-13.20	18.7	16.9	0.26	0.00	0.01
19	26	11	76	11.9	12.9	-14.40	32.57	22.57	14.7	11.4	-14.10	15.3	15.6	0.24	0.00	0.01
20	26	11	76	11.7	356.3	-15.20	32.55	27.42	13.6	357.9	-14.90	14.6	8.2	0.21	0.00	0.01
21	26	11	76	9.5	358.9	-16.00	32.83	28.82	11.0	1.3	-15.70	12.0	8.6	0.18	0.00	0.01
22	26	11	76	9.6	350.1	-17.10	33.73	30.16	12.0	350.4	-16.50	13.6	5.9	-0.17	0.00	0.01
23	26	11	76	5.6	359.9	-17.80	36.79	28.78	7.4	0.2	-17.50	9.4	9.7	0.04	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	27	11	76	8.4	355.3	-18.60	39.99	32.86	10.8	357.3	-18.10	13.1	8.9	-0.02	0.00	0.01
1	27	11	76	7.9	353.9	-19.20	39.63	34.52	10.7	355.9	-18.80	12.6	7.6	0.09	0.00	0.01
2	27	11	76	9.4	15.6	-19.40	35.77	12.05	11.2	12.5	-19.10	12.0	17.9	0.25	0.00	0.01
3	27	11	76	3.5	349.1	-20.00	34.87	28.01	5.4	6.9	-19.70	7.9	7.4	0.13	0.00	0.01
4	27	11	76	4.6	352.6	-20.50	34.69	30.75	7.1	4.2	-20.10	9.3	13.0	-0.05	0.00	0.01
5	27	11	76	7.7	355.6	-20.70	34.41	32.90	8.9	359.1	-20.40	10.5	11.6	0.11	0.00	0.01
6	27	11	76	7.1	338.4	-21.50	34.59	22.70	9.2	348.1	-21.00	11.7	7.6	-0.18	0.00	0.01
7	27	11	76	8.3	357.2	-21.70	34.46	31.50	10.3	4.5	-21.30	13.1	12.8	-0.13	0.00	0.01
8	27	11	76	11.6	1.9	-21.40	34.26	33.40	12.6	2.4	-21.00	14.2	11.0	0.33	0.00	0.07
9	27	11	76	9.9	23.4	-20.20	33.28	15.00	10.7	18.8	-19.90	11.2	19.3	0.68	0.00	0.30
10	27	11	76	9.9	21.6	-19.10	32.56	13.98	11.2	20.1	-18.90	11.1	21.0	0.66	0.00	0.48
11	27	11	76	12.9	25.2	-17.60	31.66	14.79	14.5	22.8	-17.50	15.0	26.4	0.76	0.00	0.64
12	27	11	76	12.5	42.5	-16.90	31.08	9.18	14.7	34.2	-16.80	15.3	33.5	0.72	0.00	0.75
13	27	11	76	12.8	13.8	-16.30	31.10	20.38	13.9	8.6	-16.30	14.3	14.3	0.74	0.00	0.74
14	27	11	76	11.5	45.7	-16.00	30.53	9.39	12.8	40.4	-15.80	13.8	38.5	0.70	0.00	0.62
15	27	11	76	11.3	20.8	-16.00	30.88	9.15	12.3	17.2	-15.80	12.5	17.7	0.63	0.00	0.46
16	27	11	76	9.8	15.6	-16.30	31.00	17.65	11.1	13.7	-16.00	11.2	15.5	0.47	0.00	0.25
17	27	11	76	6.7	10.1	-17.50	31.87	12.20	8.7	14.7	-16.90	9.9	17.8	-0.19	0.00	0.04
18	27	11	76	5.1	318.6	-18.50	32.48	8.79	6.5	359.7	-17.70	7.7	24.4	-0.96	0.00	0.01
19	27	11	76	4.7	315.8	-18.60	32.50	17.56	5.4	358.6	-18.20	8.6	25.5	-0.82	0.00	0.01
20	27	11	76	4.6	308.3	-18.50	32.48	9.93	4.3	337.7	-18.40	5.6	18.9	-0.37	0.00	0.01
21	27	11	76	3.3	319.0	-18.70	32.58	23.16	4.2	354.8	-18.50	6.6	27.8	-0.40	0.00	0.01
22	27	11	76	4.4	297.9	-18.60	32.51	4.87	4.1	319.3	-18.50	3.0	6.0	-0.14	0.00	0.01
23	27	11	76	1.7	255.4	-18.50	32.93	9.49	1.4	345.5	-20.40	1.2	194.3	0.06	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	28	11	76	4.7	234.2	-18.30	32.35	3.48	3.5	220.4	-18.40	2.8	182.6	0.12	0.00	0.01
1	28	11	76	5.5	234.6	-18.10	32.20	3.05	3.9	229.8	-18.10	2.2	211.0	0.02	0.00	0.01
2	28	11	76	4.9	290.5	-18.50	32.44	4.06	4.1	306.4	-18.30	2.2	297.2	-0.44	0.00	0.01
3	28	11	76	1.4	270.1	-18.50	32.98	19.14	3.1	294.3	-18.80	2.2	283.5	-0.05	0.00	0.01
4	28	11	76	2.3	274.6	-18.00	32.75	2.83	2.5	293.6	-18.50	1.6	245.1	-0.04	0.00	0.01
5	28	11	76	1.0	322.0	-18.10	33.67	7.48	1.1	349.5	-20.30	0.9	166.8	-0.24	0.00	0.01
6	28	11	76	1.8	213.4	-18.20	33.98	8.12	2.6	195.8	-18.80	3.0	189.4	0.16	0.00	0.01
7	28	11	76	1.3	220.1	-18.50	33.98	4.94	2.4	204.0	-19.00	3.9	176.7	-0.01	0.00	0.01
8	28	11	76	1.4	313.2	-18.10	32.57	5.40	1.0	10.1	-16.40	2.7	187.2	-0.17	0.00	0.06
9	28	11	76	3.7	144.3	-16.30	30.16	12.53	4.3	132.2	-14.90	3.9	137.9	0.48	0.00	0.25
10	28	11	76	5.6	107.5	-15.10	28.95	10.40	6.5	98.2	-14.80	6.5	106.8	0.53	0.00	0.47
11	28	11	76	5.8	110.4	-13.70	28.21	15.35	6.6	99.2	-13.40	6.9	110.8	0.52	0.00	0.63
12	28	11	76	6.3	90.2	-12.10	27.31	12.71	7.2	87.9	-11.90	6.9	95.8	0.56	0.00	0.73
13	28	11	76	4.3	103.1	-10.40	26.25	22.57	5.1	104.6	-9.84	5.2	111.5	0.56	0.00	0.70
14	28	11	76	7.1	257.2	-9.75	27.40	10.96	7.7	248.4	-9.49	8.4	253.7	0.60	0.00	0.55
15	28	11	76	8.5	254.2	-9.38	27.61	11.83	9.8	247.9	-9.26	10.7	248.8	0.82	0.00	0.48
16	28	11	76	6.6	250.8	-9.94	28.73	11.21	7.6	242.7	-9.52	8.3	248.9	0.48	0.00	0.20
17	28	11	76	6.1	247.5	-9.94	28.92	5.96	7.5	245.6	-9.66	9.1	251.8	0.18	0.00	0.05
18	28	11	76	0.9	287.6	-10.50	29.69	6.55	1.7	246.9	-10.60	3.3	189.3	-0.31	0.00	0.01
19	28	11	76	0.9	308.4	-10.50	29.35	11.11	1.4	40.1	-10.40	2.8	97.2	-0.25	0.00	0.01
20	28	11	76	3.5	263.5	-9.92	29.16	6.44	4.2	261.4	-9.77	4.7	255.5	-0.06	0.00	0.01
21	28	11	76	1.4	130.1	-10.10	30.11	4.64	2.8	116.8	-10.50	2.7	126.9	0.06	0.00	0.01
22	28	11	76	6.4	228.8	-9.82	29.06	4.92	7.8	224.4	-9.32	8.9	233.0	-0.34	0.00	0.01
23	28	11	76	3.8	121.3	-10.00	29.02	8.82	4.1	102.4	-9.58	3.1	197.2	-0.39	0.00	0.01

RIO BLANCO OIL SHALE PROJECT 60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	29	11	76	4.0	302.2	-9.12	28.75	11.68	3.9	322.7	-8.60	4.3	314.0	-0.34	0.00	0.01
1	29	11	76	2.6	283.8	-11.50	29.63	13.69	3.2	321.7	-10.80	2.9	324.9	-1.20	0.00	0.00
2	29	11	76	3.9	284.3	-12.40	29.98	2.99	2.4	326.9	-11.90	1.8	352.7	-0.59	0.00	0.00
3	29	11	76	3.7	285.6	-10.40	29.38	4.15	3.0	303.1	-10.20	1.3	215.0	-0.07	0.00	0.00
4	29	11	76	2.4	151.9	-9.98	29.30	12.65	3.6	144.5	-9.39	4.2	194.6	-0.74	0.00	0.01
5	29	11	76	3.6	317.8	-9.88	29.62	28.49	6.9	288.1	-9.28	10.7	283.3	-0.52	0.00	0.01
6	29	11	76	4.8	259.4	-9.22	29.44	11.00	7.0	256.2	-9.87	8.9	263.3	0.09	0.00	0.01
7	29	11	76	3.2	256.4	-9.33	29.31	11.34	4.4	261.7	-9.05	5.7	264.2	0.02	0.00	0.01
8	29	11	76	1.5	25.7	-10.40	29.96	21.07	1.6	343.2	-10.10	2.9	242.6	-0.57	0.00	0.02
9	29	11	76	6.3	190.3	-7.90	28.07	14.14	7.1	193.3	-7.61	7.4	221.7	0.45	0.00	0.20
10	29	11	76	5.2	87.9	-7.56	26.07	9.68	5.9	87.0	-7.03	6.0	110.9	0.27	0.00	0.46
11	29	11	76	3.7	73.6	-5.08	24.71	17.60	4.0	70.0	-3.94	3.4	78.0	0.41	0.00	0.61
12	29	11	76	10.0	322.1	-3.88	25.96	14.98	10.5	316.7	-3.98	10.0	321.4	0.76	0.00	0.70
13	29	11	76	7.5	317.5	-2.81	25.41	21.86	8.8	316.6	-2.90	9.1	321.5	0.87	0.00	0.72
14	29	11	76	7.4	301.0	-2.14	24.86	14.84	8.5	300.0	-2.15	8.9	305.8	0.76	0.00	0.63
15	29	11	76	7.5	340.0	-1.44	24.89	19.92	8.7	330.3	-1.50	9.0	336.7	0.88	0.00	0.54
16	29	11	76	6.3	323.3	-1.54	24.91	16.02	6.9	317.1	-1.36	7.5	321.4	0.66	0.00	0.30
17	29	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
18	29	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
19	29	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
20	29	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
21	29	11	76	10.2	244.8	-3.02	27.23	2.76	11.5	241.6	-2.22	11.6	248.9	-0.52	0.00	0.01
22	29	11	76	10.9	245.9	-3.36	27.27	3.85	12.9	239.3	-2.43	14.3	243.4	-0.80	0.00	0.01
23	29	11	76	11.1	256.0	-3.11	27.17	5.10	14.8	252.5	-2.36	16.6	258.4	-0.52	0.00	0.01

RIO BLANCO OIL SHALE PROJECT   60 METER TOWER

				10 - METER LEVEL					30 - METER LEVEL			60 - METER LEVEL				
HR	DY	MO	YR	WS10	WDR10	AT10	RH10	SG10	WS30	WDR30	AT30	WS60	WDR60	DT60	PREC	SI
0	30	11	76	9.9	253.8	-3.46	27.24	6.27	13.7	257.3	-2.70	16.5	264.4	-0.51	0.00	0.01
1	30	11	76	6.3	218.9	-4.80	27.73	8.08	8.5	241.7	-3.59	11.8	258.1	-1.41	0.00	0.01
2	30	11	76	2.4	36.8	-4.89	28.04	20.16	3.3	31.4	-4.45	2.8	10.4	-0.59	0.00	0.00
3	30	11	76	3.1	285.4	-4.02	28.06	9.65	3.9	285.4	-3.65	4.9	270.1	-0.49	0.00	0.00
4	30	11	76	2.9	347.9	-4.39	27.78	20.09	2.8	342.8	-4.26	2.9	335.7	-0.82	0.00	0.01
5	30	11	76	3.9	315.5	-4.88	28.12	5.92	4.7	305.0	-4.26	5.3	296.3	-0.82	0.00	0.01
6	30	11	76	1.1	242.5	-5.97	29.31	10.03	1.9	329.3	-7.07	1.6	294.4	-1.09	0.00	0.01
7	30	11	76	1.4	236.6	-5.18	29.26	8.09	2.0	261.1	-6.51	1.9	220.4	-0.12	0.00	0.01
8	30	11	76	2.3	348.7	-5.05	28.08	18.30	3.2	288.7	-4.23	3.7	249.7	-0.61	0.00	0.05
9	30	11	76	4.3	174.8	-3.43	26.10	14.91	4.9	188.2	-2.72	5.7	220.4	0.36	0.00	0.20
10	30	11	76	7.8	237.1	-1.78	25.64	14.30	9.2	236.4	-1.73	10.1	244.0	0.84	0.00	0.44
11	30	11	76	10.1	241.0	-1.08	25.45	14.77	11.9	236.4	-1.13	14.8	242.3	0.92	0.00	0.57
12	30	11	76	10.6	257.0	-0.20	25.09	14.41	12.6	246.0	-0.41	14.7	252.7	0.86	0.00	0.66
13	30	11	76	9.5	252.4	0.78	24.44	13.63	10.3	244.6	0.22	11.7	247.6	0.70	0.00	0.61
14	30	11	76	9.1	272.7	1.57	24.41	13.04	10.1	263.1	0.56	10.4	263.1	0.74	0.00	0.52
15	30	11	76	5.7	310.9	0.84	25.09	12.72	6.6	305.8	0.40	7.6	304.8	0.58	0.00	0.24
16	30	11	76	4.2	214.6	1.08	25.14	13.36	5.4	207.8	0.49	6.3	212.0	0.38	0.00	0.10
17	30	11	76	12.7	279.4	0.41	25.45	10.14	17.1	278.7	0.35	19.6	282.7	0.17	0.00	0.02
18	30	11	76	15.1	287.5	-0.46	25.89	8.51	20.0	281.9	999.00	23.9	286.9	0.10	0.00	0.01
19	30	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
20	30	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
21	30	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
22	30	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00
23	30	11	76	999.0	999.0	999.00	999.00	999.00	999.0	999.0	999.00	999.0	999.0	999.00	999.00	999.00

B.1.2

METEOROLOGICAL DATA LISTING FOR SITE 2
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

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 RIO BLANCO OIL SHALE PROJECT  SITE  TWC

              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++    +------------------------------+

 0  1  9 76       4.4   306.8    12.84      0.0

 1  1  9 76       3.4   338.0    12.31      0.0

 2  1  9 76       3.1   304.3    11.60      0.0

 3  1  9 76       3.7   340.9    11.25      0.0

 4  1  9 76       5.1   270.9    11.14      0.0

 5  1  9 76       3.9   287.1    10.38      0.0

 6  1  9 76       4.0   288.4    10.25      0.0

 7  1  9 76       3.3    98.0    11.93      0.0

 8  1  9 76       3.2    94.8    13.88      0.0

 9  1  9 76       5.2    89.2    14.66      0.0

10  1  9 76       5.9    93.8    15.59      0.0

11  1  9 76       5.0    85.8    17.28      0.0

12  1  9 76       6.9   109.6    18.13      0.0

13  1  9 76       5.1   156.4    19.59      0.0

14  1  9 76       5.6   105.1    20.58      0.0

15  1  9 76       6.7   353.1    21.53      0.0

16  1  9 76       5.5    45.4    22.27      0.0

17  1  9 76       6.3    38.9    22.02      0.0

18  1  9 76       6.6    25.1    21.16      0.0

19  1  9 76       3.6   359.6    19.36      0.0

20  1  9 76       5.2   286.7    17.26      0.0

21  1  9 76       5.7   279.6    17.09      0.0

22  1  9 76       5.6   280.2    16.99      0.0

23  1  9 76     999.0   999.0   999.00    999.00
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  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0  2  9 76       4.0  263.0  999.00      0.0

 1  2  9 76       4.0  276.0   16.50      0.0

 2  2  9 76       4.0  273.0   16.50      0.0

 3  2  9 76       8.5  256.0   16.90      0.0

 4  2  9 76       8.5  254.0   15.70      0.0

 5  2  9 76      12.0  253.0   14.70      0.0

 6  2  9 76     999.0  248.0   15.10      0.0

 7  2  9 76     999.0  236.0   17.20      0.0

 8  2  9 76     999.0  230.0   18.80      0.0

 9  2  9 76     999.0  265.0   19.95      0.0

10  2  9 76     999.0  290.0   20.30      0.0

11  2  9 76     999.0  281.0   21.00      0.0

12  2  9 76     999.0  302.0   21.90      0.0

13  2  9 76      14.0  292.0   23.00      0.0

14  2  9 76      15.0  283.0   23.00      0.0

15  2  9 76      12.0  300.0   23.80      0.0

16  2  9 76      10.0  285.0   24.00      0.0

17  2  9 76      10.0  294.0   24.00      0.0

18  2  9 76       9.5  299.0   23.70      0.0

19  2  9 76       4.5  265.0   20.05      0.0

20  2  9 76       5.5  258.0   18.50      0.0

21  2  9 76       6.0  248.0   18.30      0.0

22  2  9 76       5.5  252.0   18.60      0.0

23  2  9 76       5.5  257.0   18.30      0.0
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RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	9	76	6.5	265.0	17.90	0.0
1	3	9	76	12.0	265.0	17.40	0.0
2	3	9	76	2.0	235.0	17.10	0.0
3	3	9	76	3.5	250.0	16.40	0.0
4	3	9	76	4.0	283.0	16.50	0.0
5	3	9	76	2.0	999.0	15.50	0.0
6	3	9	76	3.5	270.0	16.70	0.0
7	3	9	76	6.0	187.0	17.50	0.0
8	3	9	76	4.0	102.0	20.00	0.0
9	3	9	76	5.5	115.0	20.07	0.0
10	3	9	76	7.0	82.0	23.00	0.0
11	3	9	76	6.5	105.0	23.50	0.0
12	3	9	76	8.0	78.0	25.00	0.0
13	3	9	76	8.0	270.0	24.30	0.0
14	3	9	76	7.5	999.0	25.50	0.0
15	3	9	76	9.5	999.0	25.00	0.0
16	3	9	76	4.5	999.0	26.00	0.0
17	3	9	76	9.5	999.0	25.50	0.0
18	3	9	76	9.5	999.0	25.00	0.0
19	3	9	76	4.5	999.0	22.50	0.0
20	3	9	76	4.5	328.0	22.00	0.0
21	3	9	76	999.0	310.0	21.30	0.0
22	3	9	76	6.0	251.0	21.50	0.0
23	3	9	76	4.5	257.0	21.70	0.0

RIO BLANCO OIL SHALE PROJECT SITE TWO

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                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++    +-----------------------------------+

 0  4  9 76    999.0   277.0     20.50      0.0

 1  4  9 76      5.5   275.0     18.80      0.0

 2  4  9 76      4.5   287.0     18.70      0.0

 3  4  9 76      4.0   297.0     18.40      0.0

 4  4  9 76      4.5   252.0     18.00      0.0

 5  4  9 76      4.0   279.0     17.50      0.0

 6  4  9 76    999.0   274.0     17.80      0.0

 7  4  9 76      4.5   277.0     18.95      0.0

 8  4  9 76      2.5   999.0     21.50      0.0

 9  4  9 76      4.0   108.0     21.70      0.0

10  4  9 76      6.5    94.0     22.50      0.0

11  4  9 76      6.5    90.0     23.95      0.0

12  4  9 76      8.0    55.0     24.95      0.0

13  4  9 76     10.0   293.0     25.10      0.0

14  4  9 76     11.5   270.0     25.90      0.0

15  4  9 76     12.0   999.0     26.00      0.0

16  4  9 76     11.0   999.0     25.70      0.0

17  4  9 76      7.0   999.0     25.80      0.0

18  4  9 76      7.0   324.0     25.60      0.0

19  4  9 76    999.0   285.0     22.50      0.0

20  4  9 76      6.0   278.0     21.30      0.0

21  4  9 76    999.0   270.0     21.30      0.0

22  4  9 76    999.0   270.0     21.70      0.0

23  4  9 76      2.5   210.0     21.00      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	9	76	6.0	202.0	22.00	0.0
1	5	9	76	6.0	195.0	21.70	0.0
2	5	9	76	4.5	247.0	19.30	0.0
3	5	9	76	999.0	40.0	18.50	0.0
4	5	9	76	999.0	302.0	14.90	0.0
5	5	9	76	999.0	281.0	15.00	0.0
6	5	9	76	999.0	285.0	15.50	0.0
7	5	9	76	999.0	311.0	16.70	0.0
8	5	9	76	999.0	336.0	19.00	0.0
9	5	9	76	999.0	77.0	21.10	0.0
10	5	9	76	999.0	90.0	23.00	0.0
11	5	9	76	999.0	87.0	24.50	0.0
12	5	9	76	999.0	129.0	25.50	0.0
13	5	9	76	999.0	180.0	25.10	0.0
14	5	9	76	5.0	137.0	25.70	0.0
15	5	9	76	7.5	190.0	26.30	0.0
16	5	9	76	5.0	90.0	25.90	0.0
17	5	9	76	4.0	58.0	25.80	0.0
18	5	9	76	5.5	134.0	24.30	0.0
19	5	9	76	6.0	266.0	23.00	0.0
20	5	9	76	4.5	200.0	23.20	0.0
21	5	9	76	13.5	204.0	21.20	0.0
22	5	9	76	14.0	226.0	21.00	0.0
23	5	9	76	6.5	198.0	20.00	0.0

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	9	76	15.0	240.0	20.70	0.0
1	6	9	76	17.0	230.0	20.00	0.0
2	6	9	76	22.5	230.0	18.10	0.0
3	6	9	76	23.0	227.0	17.50	0.0
4	6	9	76	17.0	248.0	16.75	0.0
5	6	9	76	21.0	243.0	16.20	0.0
6	6	9	76	16.5	239.0	15.50	0.0
7	6	9	76	12.0	258.0	15.50	0.0
8	6	9	76	7.0	198.0	16.30	0.0
9	6	9	76	3.5	202.0	16.70	0.0
10	6	9	76	5.5	254.0	17.00	0.0
11	6	9	76	12.5	229.0	16.00	0.0
12	6	9	76	12.5	237.0	15.50	0.0
13	6	9	76	16.5	208.0	16.50	0.0
14	6	9	76	16.0	222.0	17.00	0.0
15	6	9	76	14.0	227.0	17.20	0.0
16	6	9	76	15.5	217.0	17.10	0.0
17	6	9	76	15.0	239.0	16.70	0.0
18	6	9	76	16.5	266.0	14.00	0.0
19	6	9	76	17.5	264.0	10.30	0.09
20	6	9	76	14.5	275.0	10.70	0.0
21	6	9	76	12.5	255.0	10.20	0.0
22	6	9	76	10.0	221.0	11.40	0.0
23	6	9	76	5.0	265.0	11.10	0.0

```
               METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0  7  9 76      14.5   268.0     11.50      0.0

 1  7  9 76       7.0   295.0     11.10      0.0

 2  7  9 76       7.0   299.0     11.00      0.0

 3  7  9 76       7.0   266.0     10.60      0.0

 4  7  9 76       3.5    85.0     10.50      0.0

 5  7  9 76       4.0   999.0     10.00      0.0

 6  7  9 76       4.0   257.0      9.90      0.0

 7  7  9 76       5.0   241.0     10.40      0.0

 8  7  9 76       5.5   269.0     11.90      0.0

 9  7  9 76       7.0   274.0     12.70      0.0

10  7  9 76      17.5   279.0     12.40      0.0

11  7  9 76      18.0   288.0     13.40      0.0

12  7  9 76      12.0   276.0     14.00      0.0

13  7  9 76       8.5   299.0     14.60      0.0

14  7  9 76       7.0   104.0     14.70      0.0

15  7  9 76       6.5   999.0     15.20      0.0

16  7  9 76       6.5   106.0     14.20      0.0

17  7  9 76       6.5   127.0     14.70      0.0

18  7  9 76       7.5    57.0     14.00      0.0

19  7  9 76       5.5   321.0     11.70      0.0

20  7  9 76     999.0   999.0     11.00      0.0

21  7  9 76     999.0   152.0     11.10      0.0

22  7  9 76     999.0   158.0     10.85      0.0

23  7  9 76     999.0   270.0     10.30      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +-----------------------------+

 0  8  9 76      5.0  184.0   10.60      0.0

 1  8  9 76    999.0  192.0   10.00      0.0

 2  8  9 76      5.5  276.0    9.90      0.0

 3  8  9 76      3.0  285.0    9.00      0.0

 4  8  9 76      6.0   18.0    8.50      0.0

 5  8  9 76      5.0  283.0    6.80      0.0

 6  8  9 76      3.0  324.0    6.50      0.0

 7  8  9 76      3.5  303.0    7.10      0.0

 8  8  9 76      5.0  999.0    8.90      0.0

 9  8  9 76      5.0   80.0   10.20      0.0

10  8  9 76      5.0  130.0   12.00      0.0

11  8  9 76      5.0  115.0   13.20      0.0

12  8  9 76      4.5  110.0   14.70      0.0

13  8  9 76     13.0  285.0   15.90      0.0

14  8  9 76     15.2  312.0   16.20      0.0

15  8  9 76     13.0  283.0   16.70      0.0

16  8  9 76     10.0  297.0   17.00      0.0

17  8  9 76      8.5  306.0   17.10      0.0

18  8  9 76      5.5   30.0   15.50      0.0

19  8  9 76      6.0   30.0   13.70      0.0

20  8  9 76      4.0  323.0   12.20      0.0

21  8  9 76    999.0  282.0   11.30      0.0

22  8  9 76    999.0  278.0   11.00      0.0

23  8  9 76    999.0  281.0   10.50      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +----------------------------+

 0  9  9 76     999.0  291.0   10.20     0.0

 1  9  9 76     999.0  285.0    9.90     0.0

 2  9  9 76     999.0  301.0    9.00     0.0

 3  9  9 76     999.0  276.0    9.50     0.0

 4  9  9 76     999.0  279.0    9.00     0.0

 5  9  9 76     999.0  275.0    9.00     0.0

 6  9  9 76     999.0  271.0    9.10     0.0

 7  9  9 76     999.0  284.0   10.00     0.0

 8  9  9 76       4.5  999.0   11.90     0.0

 9  9  9 76       3.5   84.0   14.20     0.0

10  9  9 76       5.5   80.0   14.30     0.0

11  9  9 76       5.5  180.0   16.00     0.0

12  9  9 76       7.0   90.0   17.50     0.0

13  9  9 76       6.5  999.0   19.00     0.0

14  9  9 76       9.0  304.0   19.50     0.0

15  9  9 76       9.0  280.0   20.30     0.0

16  9  9 76       8.0  293.0   20.50     0.0

17  9  9 76       8.5  324.0   19.90     0.0

18  9  9 76       5.0   19.0   18.90     0.0

19  9  9 76       2.0  130.0   16.70     0.0

20  9  9 76       6.0  196.0   17.50     0.0

21  9  9 76       7.5  190.0   17.30     0.0

22  9  9 76       6.0  190.0   17.10     0.0

23  9  9 76      13.5  233.0   15.50     0.0
```

```
    RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
  HR DY MO YR      WS10   WDR10     AT10      PREC
  ++ ++ ++ ++    +------------------------------+

   0 10  9 76      13.5   234.0     15.00      0.0

   1 10  9 76      13.0   266.0     13.70      0.0

   2 10  9 76      13.5   257.0     14.00      0.0

   3 10  9 76      14.0   257.0     13.40      0.0

   4 10  9 76      12.5   254.0     13.20      0.0

   5 10  9 76       9.0   240.0     12.80      0.0

   6 10  9 76       4.5   212.0     13.10      0.0

   7 10  9 76       4.0   294.0     13.60      0.0

   8 10  9 76       6.0   230.0     14.50      0.0

   9 10  9 76       8.0   225.0     15.00      0.0

  10 10  9 76       5.5   210.0     15.50      0.0

  11 10  9 76      10.0   156.0     16.50      0.0

  12 10  9 76      11.0   211.0     16.60      0.0

  13 10  9 76       6.5   168.0     16.50      0.0

  14 10  9 76      12.5   211.0     17.60      0.0

  15 10  9 76      14.0   227.0     17.50      0.0

  16 10  9 76      12.0   230.0     17.20      0.0

  17 10  9 76      13.0   242.0     17.30      0.0

  18 10  9 76      11.5   227.0     15.90      0.0

  19 10  9 76      15.0   224.0     14.50      0.0

  20 10  9 76      13.5   230.0     14.40      0.0

  21 10  9 76      11.0   225.0     14.50      0.0

  22 10  9 76      14.0   218.0     14.40      0.0

  23 10  9 76      13.0   211.0     14.40      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR  DY  MO  YR       WS10   WDR10     AT10      PREC
++  ++  ++  ++     +------------------------------------+

 0  11   9  76        8.5   237.0     14.40      0.0

 1  11   9  76        3.5   220.0     13.40      0.0

 2  11   9  76       13.5   220.0     14.00      0.0

 3  11   9  76        6.5   174.0     13.50      0.0

 4  11   9  76       10.0   200.0     13.20      0.0

 5  11   9  76       11.5   220.0     13.50      0.0

 6  11   9  76        8.5   201.0     13.00      0.0

 7  11   9  76        8.0   223.0     13.50      0.0

 8  11   9  76       12.5   222.0     14.80      0.0

 9  11   9  76       15.0   215.0     16.00      0.0

10  11   9  76        9.0   205.0     16.00      0.0

11  11   9  76       17.0   230.0     17.50      0.0

12  11   9  76       21.0   226.0     18.30      0.0

13  11   9  76       18.5   220.0     20.00      0.0

14  11   9  76       13.0   216.0     19.00      0.0

15  11   9  76       13.5   240.0     19.20      0.0

16  11   9  76       19.5   252.0     11.60      0.0

17  11   9  76       13.0   259.0     11.60      0.0

18  11   9  76        5.0   220.0     12.70      0.0

19  11   9  76        4.5   140.0     12.00      0.0

20  11   9  76        5.5   171.0     10.90      0.0

21  11   9  76        7.5   162.0     11.70      0.0

22  11   9  76       12.5   188.0     11.80      0.0

23  11   9  76       11.5   213.0     12.00      0.0
```

```
              METEOROLOGICAL  DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++    +----------------------------------+

 0 12  9 76     23.0   287.0    10.60      0.0

 1 12  9 76      8.0   264.0     9.70      0.03

 2 12  9 76    999.0   260.0     9.90      0.0

 3 12  9 76      5.5   249.0    10.30      0.0

 4 12  9 76    999.0   260.0     9.00      0.0

 5 12  9 76    999.0   283.0     9.40      0.0

 6 12  9 76      5.5   254.0     8.70      0.0

 7 12  9 76      7.5   259.0     8.60      0.0

 8 12  9 76      7.5   249.0    11.40      0.0

 9 12  9 76      9.5   270.0    12.50      0.0

10 12  9 76     12.5   297.0    13.00      0.0

11 12  9 76     12.0   298.0    13.20      0.0

12 12  9 76     16.0   286.0    13.90      0.0

13 12  9 76     13.5   288.0    14.80      0.0

14 12  9 76     10.5   333.0    16.10      0.0

15 12  9 76      8.5    58.0    15.70      0.0

16 12  9 76     10.0   999.0    14.70      0.0

17 12  9 76      5.0    72.0    16.00      0.0

18 12  9 76      3.5   127.0    15.20      0.0

19 12  9 76      4.5   328.0    13.40      0.0

20 12  9 76      5.0   275.0    12.20      0.0

21 12  9 76      3.0   281.0    12.00      0.0

22 12  9 76      2.0   260.0    12.00      0.0

23 12  9 76      3.5   273.0    11.90      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++   +----------------------------------+

 0 13  9 76      2.5   290.0   11.80      0.0

 1 13  9 76    999.0   999.0   11.00      0.0

 2 13  9 76      3.5    44.0    9.50      0.0

 3 13  9 76    999.0   292.0    8.90      0.0

 4 13  9 76      4.5   271.0    9.30      0.0

 5 13  9 76      4.5   275.0    9.90      0.0

 6 13  9 76      3.0   283.0   10.00      0.0

 7 13  9 76      3.5   283.0   10.30      0.0

 8 13  9 76      2.0   999.0   11.00      0.0

 9 13  9 76      4.5   117.0   13.04      0.0

10 13  9 76      5.5    90.0   15.00      0.0

11 13  9 76      5.0   999.0   16.60      0.0

12 13  9 76      5.0   999.0   18.20      0.0

13 13  9 76      8.0   328.0   18.30      0.0

14 13  9 76      5.5   999.0   18.80      0.0

15 13  9 76      5.5   999.0   19.00      0.0

16 13  9 76      7.0   999.0   19.50      0.0

17 13  9 76      8.0   999.0   19.40      0.0

18 13  9 76     15.5   301.0   17.80      0.0

19 13  9 76     16.0   282.0   15.80      0.0

20 13  9 76     13.5   274.0   13.80      0.0

21 13  9 76     13.0   277.0   13.60      0.0

22 13  9 76     11.5   280.0   14.20      0.0

23 13  9 76      5.5   999.0   13.40      0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                 METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10      PREC
++ ++ ++ ++     +----------------------------------+

 0 14  9 76      4.0  212.0    12.30      0.0

 1 14  9 76     15.5  297.0    12.20      0.0

 2 14  9 76     11.5  296.0    10.60      0.0

 3 14  9 76    999.0  162.0    10.30      0.0

 4 14  9 76    999.0  320.0     9.60      0.0

 5 14  9 76      7.0  170.0     9.20      0.0

 6 14  9 76      6.0  195.0     9.50      0.0

 7 14  9 76      4.5  270.0     9.50      0.0

 8 14  9 76      2.0  999.0    11.30      0.0

 9 14  9 76      6.0   89.0    10.00      0.07

10 14  9 76      4.5  999.0    10.30      0.0

11 14  9 76      8.0  999.0    10.10      0.03

12 14  9 76      9.5  126.0    11.90      0.0

13 14  9 76      8.0  142.0    13.70      0.0

14 14  9 76      8.5  128.0    16.20      0.0

15 14  9 76      9.0  106.0    18.00      0.0

16 14  9 76     12.0  268.0    19.00      0.0

17 14  9 76      5.0  280.0    19.40      0.0

18 14  9 76      2.5  999.0    20.00      0.0

19 14  9 76      5.5  999.0    15.90      0.0

20 14  9 76      3.5  279.0    15.10      0.0

21 14  9 76      5.0  279.0    14.90      0.0

22 14  9 76      4.0  280.0    14.30      0.0

23 14  9 76      4.5  255.0    14.80      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                 METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 15  9 76       4.5   282.0    13.70       0.0

 1 15  9 76       2.5   250.0    14.50       0.0

 2 15  9 76       5.0   275.0    12.90       0.0

 3 15  9 76       2.5   999.0    11.80       0.0

 4 15  9 76       3.0   262.0    12.00       0.0

 5 15  9 76       0.9   999.0    11.80       0.0

 6 15  9 76       1.0   281.0    11.10       0.0

 7 15  9 76       3.5   235.0    12.50       0.0

 8 15  9 76       7.0   142.0    16.30       0.0

 9 15  9 76      12.5   198.0    17.70       0.0

10 15  9 76      13.0   192.0    17.50       0.0

11 15  9 76      11.5   198.0    17.80       0.0

12 15  9 76      11.0   207.0    18.60       0.0

13 15  9 76       9.0   156.0    19.00       0.0

14 15  9 76       6.0   183.0    19.40       0.0

15 15  9 76       9.5   162.0    20.20       0.0

16 15  9 76       7.0   172.0    19.10       0.0

17 15  9 76      19.5   210.0    16.10       0.0

18 15  9 76       4.5   110.0    16.60       0.0

19 15  9 76       6.0    63.0    14.10       0.0

20 15  9 76       2.5   301.0    11.50       0.0

21 15  9 76     999.0   278.0    11.00       0.0

22 15  9 76     999.0   232.0    12.50       0.0

23 15  9 76       1.5   999.0    11.40       0.0
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++	+---	----	----	---+
0	16	9	76	999.0	168.0	12.50	0.0
1	16	9	76	999.0	999.0	11.10	0.0
2	16	9	76	999.0	290.0	11.20	0.0
3	16	9	76	999.0	45.0	10.30	0.0
4	16	9	76	999.0	323.0	11.30	0.0
5	16	9	76	3.5	210.0	12.90	0.0
6	16	9	76	5.0	148.0	13.20	0.0
7	16	9	76	12.0	193.0	14.80	0.0
8	16	9	76	14.5	200.0	16.70	0.0
9	16	9	76	13.0	210.0	17.40	0.0
10	16	9	76	999.0	242.0	18.20	0.0
11	16	9	76	999.0	231.0	18.00	0.0
12	16	9	76	14.5	239.0	19.80	0.0
13	16	9	76	11.5	227.0	19.70	0.0
14	16	9	76	13.0	191.0	20.10	0.0
15	16	9	76	14.5	198.0	21.60	0.0
16	16	9	76	13.5	224.0	21.20	0.0
17	16	9	76	9.0	225.0	20.20	0.0
18	16	9	76	6.0	206.0	20.00	0.0
19	16	9	76	4.5	210.0	18.50	0.0
20	16	9	76	8.0	210.0	17.50	0.0
21	16	9	76	9.5	218.0	17.70	0.0
22	16	9	76	10.5	225.0	18.00	0.0
23	16	9	76	14.0	184.0	16.60	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 17  9 76      10.5   210.0    16.00     0.0

 1 17  9 76      11.0   215.0    16.50     0.0

 2 17  9 76      12.0   214.0    16.00     0.0

 3 17  9 76      10.5   204.0    15.60     0.0

 4 17  9 76       9.0   205.0    15.00     0.0

 5 17  9 76       8.0   194.0    14.80     0.0

 6 17  9 76       8.5   206.0    14.10     0.0

 7 17  9 76       3.5   216.0    14.50     0.0

 8 17  9 76      15.0   173.0    16.20     0.0

 9 17  9 76      14.0   150.0    17.00     0.0

10 17  9 76      17.0   219.0    18.90     0.0

11 17  9 76      21.5   232.0    19.70     0.0

12 17  9 76      18.5   233.0    19.30     0.0

13 17  9 76      15.0   209.0    21.90     0.0

14 17  9 76      17.0   201.0    20.00     0.0

15 17  9 76      16.0   241.0    21.20     0.0

16 17  9 76      15.5   225.0    20.90     0.0

17 17  9 76      14.5   242.0    20.20     0.0

18 17  9 76       9.0   203.0    19.50     0.0

19 17  9 76       6.5   231.0    18.30     0.0

20 17  9 76      12.0   188.0    16.20     0.0

21 17  9 76       7.0   220.0    15.90     0.0

22 17  9 76      11.5   233.0    16.10     0.0

23 17  9 76       9.5   181.0    15.30     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0 18  9 76      11.5  229.0   16.10      0.0

 1 18  9 76     999.0  250.0   13.70      0.0

 2 18  9 76      10.5  259.0   13.40      0.0

 3 18  9 76       8.0  252.0   12.30      0.0

 4 18  9 76     999.0  258.0   13.00      0.0

 5 18  9 76     999.0  297.0   13.40      0.0

 6 18  9 76     999.0  281.0   10.90      0.0

 7 18  9 76     999.0  999.0   11.90      0.0

 8 18  9 76     999.0  999.0   14.20      0.0

 9 18  9 76       3.5  999.0   16.00      0.0

10 18  9 76     999.0  999.0   16.90      0.0

11 18  9 76     999.0  999.0  999.00   999.00

12 18  9 76      12.0  234.0   18.90   999.00

13 18  9 76      12.0  218.2   18.84   999.00

14 18  9 76      11.8  206.1   19.00   999.00

15 18  9 76      14.3  196.8   19.52   999.00

16 18  9 76      10.8  198.9   19.49   999.00

17 18  9 76       9.1  234.1   19.19   999.00

18 18  9 76       8.1  217.7   17.58   999.00

19 18  9 76      11.1  225.7   17.16   999.00

20 18  9 76      10.6  256.1   14.52   999.00

21 18  9 76       6.1  269.7   13.85   999.00

22 18  9 76       6.4   13.5   13.47   999.00

23 18  9 76       1.1  290.7   11.96   999.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	9	76	4.5	261.1	10.65	999.00
1	19	9	76	2.9	284.7	10.22	999.00
2	19	9	76	3.6	284.2	9.78	999.00
3	19	9	76	1.4	285.8	9.08	999.00
4	19	9	76	1.2	287.6	8.34	999.00
5	19	9	76	0.9	306.2	7.68	999.00
6	19	9	76	3.7	301.1	6.29	999.00
7	19	9	76	1.4	306.1	6.72	999.00
8	19	9	76	5.1	15.8	8.03	999.00
9	19	9	76	3.6	71.5	10.19	999.00
10	19	9	76	3.9	62.7	12.53	999.00
11	19	9	76	4.0	51.4	14.36	999.00
12	19	9	76	6.1	43.0	16.21	999.00
13	19	9	76	5.0	30.8	18.67	999.00
14	19	9	76	5.1	288.8	18.42	999.00
15	19	9	76	9.2	344.0	17.99	999.00
16	19	9	76	6.5	340.8	18.77	999.00
17	19	9	76	4.6	211.3	19.81	999.00
18	19	9	76	2.1	4.6	17.86	999.00
19	19	9	76	5.9	293.7	14.96	999.00
20	19	9	76	6.9	0.3	13.29	999.00
21	19	9	76	2.3	289.9	12.31	999.00
22	19	9	76	3.8	284.8	11.82	999.00
23	19	9	76	1.9	352.4	11.10	999.00

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 20  9 76      3.5    20.6     9.74   999.00

 1 20  9 76      0.9   324.4     7.89   999.00

 2 20  9 76      0.9   322.6     6.83   999.00

 3 20  9 76      1.0   312.8     5.83   999.00

 4 20  9 76      3.4   300.4     4.97   999.00

 5 20  9 76      4.4   300.2     3.92   999.00

 6 20  9 76      4.2   298.3     3.71   999.00

 7 20  9 76      2.5   293.5     4.41   999.00

 8 20  9 76      1.1   269.4     6.69   999.00

 9 20  9 76      2.2   347.0     9.88   999.00

10 20  9 76      4.7    90.3    11.75   999.00

11 20  9 76      3.5    39.0    14.57   999.00

12 20  9 76      4.5    25.1    15.83   999.00

13 20  9 76      6.6    60.9    17.81   999.00

14 20  9 76      6.7    47.6    18.27   999.00

15 20  9 76      7.2    39.5    18.70   999.00

16 20  9 76      5.1    39.1    18.11   999.00

17 20  9 76      5.7    62.3    18.84   999.00

18 20  9 76      7.2   346.5    17.85   999.00

19 20  9 76      3.5   289.2    15.37   999.00

20 20  9 76      5.4   279.9    15.01   999.00

21 20  9 76      4.1   282.8    14.45   999.00

22 20  9 76      3.9   281.0    14.37   999.00

23 20  9 76      0.9   271.3    13.99   999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------------+

 0 21  9 76        0.9  271.8   13.56   999.00

 1 21  9 76        0.9  278.9   13.75   999.00

 2 21  9 76        0.9  279.8   13.11   999.00

 3 21  9 76        0.9  279.3   12.77   999.00

 4 21  9 76        0.9   59.4   10.14   999.00

 5 21  9 76        0.9  248.0   10.25   999.00

 6 21  9 76        0.9  284.1   11.53   999.00

 7 21  9 76        0.9  209.7   12.59   999.00

 8 21  9 76        0.9   22.7   14.14   999.00

 9 21  9 76        2.3   22.8   15.38   999.00

10 21  9 76        5.3   75.2   17.08   999.00

11 21  9 76        6.6   65.8   18.62   999.00

12 21  9 76        7.4  286.3   19.91   999.00

13 21  9 76        8.9  235.9   19.27   999.00

14 21  9 76        6.0   41.7   19.27   999.00

15 21  9 76       14.4  273.1   17.89   999.00

16 21  9 76        6.2  178.2   17.30   999.00

17 21  9 76       10.9  240.3   16.84   999.00

18 21  9 76       13.4  238.8   15.22   999.00

19 21  9 76       16.4  222.3   12.75   999.00

20 21  9 76       16.5  247.3   12.64   999.00

21 21  9 76       11.1  248.6   13.17   999.00

22 21  9 76       11.8  239.3   11.50   999.00

23 21  9 76       15.6  258.9    9.67   999.00
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
 HR DY MO YR      WS10  WDR10    AT10     PREC
 ++ ++ ++ ++    +-----------------------------+

  0 22  9 76      11.8  225.3     7.46   999.00

  1 22  9 76       4.9  191.6     8.03   999.00

  2 22  9 76       6.4  203.9     8.28   999.00

  3 22  9 76       6.3  247.3     7.53   999.00

  4 22  9 76      10.2  225.8     7.54   999.00

  5 22  9 76       9.0  272.1     6.95   999.00

  6 22  9 76       6.7  204.4     7.27   999.00

  7 22  9 76       8.3  257.3     7.53   999.00

  8 22  9 76      11.9  237.3     8.33   999.00

  9 22  9 76      11.1  240.8     8.79   999.00

 10 22  9 76       9.9  233.9     9.75   999.00

 11 22  9 76       9.9  249.9    11.36   999.00

 12 22  9 76      13.1  285.2    12.36   999.00

 13 22  9 76      12.5  291.8    13.88   999.00

 14 22  9 76      11.5  312.0    14.14   999.00

 15 22  9 76      11.5  335.7    14.49   999.00

 16 22  9 76       7.5  356.8    14.92   999.00

 17 22  9 76       7.2   85.4    12.25   999.00

 18 22  9 76       6.6   99.8    11.96   999.00

 19 22  9 76       5.1  155.9     9.63   999.00

 20 22  9 76       2.6  347.0     8.51   999.00

 21 22  9 76      11.5  342.5     8.25   999.00

 22 22  9 76       9.4  242.6     7.43   999.00

 23 22  9 76       8.1  180.6     8.24   999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 23  9 76      5.4   239.6     8.15   999.00

 1 23  9 76      2.3   308.0     8.31   999.00

 2 23  9 76      2.7   343.9     7.70   999.00

 3 23  9 76      4.5   285.1     8.66   999.00

 4 23  9 76      2.8   185.9     9.15   999.00

 5 23  9 76      3.1   257.2     8.76   999.00

 6 23  9 76      7.5   227.7     8.58   999.00

 7 23  9 76      1.9   138.4     9.61   999.00

 8 23  9 76      1.2   110.2    10.02   999.00

 9 23  9 76      6.0    85.7    12.06   999.00

10 23  9 76      4.7    67.5    14.62   999.00

11 23  9 76      8.1   283.6    16.21   999.00

12 23  9 76     11.4   276.4    15.61   999.00

13 23  9 76     16.5   223.6    12.59   999.00

14 23  9 76      5.5   226.8    15.64   999.00

15 23  9 76     14.1   124.1    13.40   999.00

16 23  9 76     10.3   131.8    13.31   999.00

17 23  9 76      4.1    53.1    12.87   999.00

18 23  9 76      4.5   292.3    11.01   999.00

19 23  9 76      6.3   291.2    10.50   999.00

20 23  9 76      2.5   272.9    10.90   999.00

21 23  9 76      4.3   215.5    11.64   999.00

22 23  9 76      5.9   154.5    10.24   999.00

23 23  9 76      1.0   275.1    10.31   999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10     AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 24  9 76       0.9  269.2    10.36   999.00

 1 24  9 76       7.6  264.7    11.05   999.00

 2 24  9 76       8.4  247.4    10.62   999.00

 3 24  9 76      13.1  217.5     9.39   999.00

 4 24  9 76      13.4  218.7     8.27   999.00

 5 24  9 76       8.5  226.2     8.50   999.00

 6 24  9 76       3.6  148.5     7.63   999.00

 7 24  9 76       3.9  127.0     6.89   999.00

 8 24  9 76       3.3    1.1     7.10   999.00

 9 24  9 76       2.8   39.8     7.70   999.00

10 24  9 76       2.5   44.4     8.10   999.00

11 24  9 76       3.3   24.7     9.19   999.00

12 24  9 76       3.1   26.4     9.60   999.00

13 24  9 76       3.5    9.8     9.58   999.00

14 24  9 76       1.2  154.9    10.42   999.00

15 24  9 76       3.1  137.8    11.01   999.00

16 24  9 76       2.6    2.4    10.55   999.00

17 24  9 76       2.8  189.4     9.62   999.00

18 24  9 76       7.6  301.3     7.89   999.00

19 24  9 76       4.6  292.7     7.17   999.00

20 24  9 76       2.3  260.5     7.33   999.00

21 24  9 76       4.1  234.1     7.75   999.00

22 24  9 76       2.7  276.0     8.21   999.00

23 24  9 76       2.4  300.5     7.68   999.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	9	76	3.9	286.5	7.77	999.00
1	25	9	76	4.2	254.2	7.24	999.00
2	25	9	76	1.9	275.1	7.04	999.00
3	25	9	76	3.5	242.9	7.30	999.00
4	25	9	76	1.4	210.6	6.48	999.00
5	25	9	76	1.6	291.4	6.31	999.00
6	25	9	76	3.0	303.2	5.92	999.00
7	25	9	76	0.9	231.4	6.64	999.00
8	25	9	76	1.0	271.0	7.41	999.00
9	25	9	76	1.9	65.3	9.17	999.00
10	25	9	76	2.6	54.5	11.11	999.00
11	25	9	76	3.8	22.3	11.70	999.00
12	25	9	76	5.3	103.4	12.96	999.00
13	25	9	76	4.7	16.7	12.74	999.00
14	25	9	76	4.7	57.1	12.49	999.00
15	25	9	76	5.4	53.1	12.24	999.00
16	25	9	76	6.6	165.4	10.72	999.00
17	25	9	76	4.6	258.1	10.75	999.00
18	25	9	76	7.5	46.5	7.07	999.00
19	25	9	76	1.4	151.9	6.18	999.00
20	25	9	76	1.9	321.8	6.08	999.00
21	25	9	76	5.1	296.8	6.32	999.00
22	25	9	76	2.0	321.9	7.48	999.00
23	25	9	76	1.5	347.5	5.65	999.00

```
                 METEOROLOGICAL  DATA
HR DY  MO  YR       WS10   WDR10     AT10      PREC
++ ++  ++  ++     +-----------------------------------+

 0 26   9  76        2.8   262.2      6.14   999.00

 1 26   9  76        5.2   298.9      6.14   999.00

 2 26   9  76        4.7   291.0      5.53   999.00

 3 26   9  76        3.9   294.9      5.28   999.00

 4 26   9  76        1.1   303.2      5.21   999.00

 5 26   9  76        0.9   310.6      4.61   999.00

 6 26   9  76        1.4   302.9      4.44   999.00

 7 26   9  76        3.7     6.2      4.39   999.00

 8 26   9  76        6.3   358.3      4.74   999.00

 9 26   9  76        7.7    31.5      5.97   999.00

10 26   9  76        4.8    29.9      7.18   999.00

11 26   9  76        7.8    31.9      8.67   999.00

12 26   9  76        9.4    25.9     10.55   999.00

13 26   9  76       10.6    15.9     11.85   999.00

14 26   9  76        9.3     6.3     12.58   999.00

15 26   9  76       11.4   358.4     12.92   999.00

16 26   9  76       10.3     6.1     12.33   999.00

17 26   9  76       10.9   349.8     12.41   999.00

18 26   9  76        8.2     9.9     11.16   999.00

19 26   9  76        5.8   329.3      9.30   999.00

20 26   9  76        6.4   354.4      8.31   999.00

21 26   9  76        5.4   341.6      7.71   999.00

22 26   9  76        8.3   344.9      6.42   999.00

23 26   9  76        5.5   314.4      6.21   999.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	27	9	76	4.8	334.9	5.51	999.00
1	27	9	76	3.3	336.5	5.29	999.00
2	27	9	76	5.0	344.1	4.40	999.00
3	27	9	76	3.2	306.7	4.03	999.00
4	27	9	76	8.2	351.3	3.93	999.00
5	27	9	76	4.7	6.6	3.23	999.00
6	27	9	76	6.3	353.8	3.09	999.00
7	27	9	76	2.5	7.7	2.90	999.00
8	27	9	76	4.4	17.4	3.66	999.00
9	27	9	76	4.1	72.9	4.59	999.00
10	27	9	76	5.2	76.5	5.90	999.00
11	27	9	76	6.1	51.6	8.01	999.00
12	27	9	76	5.4	37.8	9.58	999.00
13	27	9	76	7.9	35.0	10.07	999.00
14	27	9	76	9.1	17.9	10.65	999.00
15	27	9	76	10.4	0.8	10.99	999.00
16	27	9	76	5.8	357.5	10.91	999.00
17	27	9	76	9.4	16.9	11.06	999.00
18	27	9	76	5.6	26.4	9.75	999.00
19	27	9	76	1.3	342.9	8.26	999.00
20	27	9	76	1.2	298.4	6.85	999.00
21	27	9	76	3.1	290.1	7.10	999.00
22	27	9	76	3.8	282.8	6.71	999.00
23	27	9	76	4.4	263.3	6.75	999.00

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10, WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 28  9 76      1.2  255.2     6.95   999.00

 1 28  9 76      1.1  277.0     5.97   999.00

 2 28  9 76      2.6  270.6     5.88   999.00

 3 28  9 76      2.4  260.2     6.09   999.00

 4 28  9 76      2.2  181.4     6.63   999.00

 5 28  9 76      3.6  257.2     5.96   999.00

 6 28  9 76      0.9  234.4     5.19   999.00

 7 28  9 76      0.9  212.1     6.09   999.00

 8 28  9 76      3.2  117.2     8.46   999.00

 9 28  9 76      6.3  100.5     8.86   999.00

10 28  9 76      6.2   83.0    10.37   999.00

11 28  9 76      4.9  313.8    11.27   999.00

12 28  9 76      5.9  312.4    12.20   999.00

13 28  9 76      5.6   37.4    13.13   999.00

14 28  9 76      5.7  297.4    13.63   999.00

15 28  9 76      4.1  170.4    14.50   999.00

16 28  9 76      3.6  261.0    14.88   999.00

17 28  9 76      3.1  276.9    14.80   999.00

18 28  9 76      4.7   63.3    12.57   999.00

19 28  9 76      0.9  285.9    10.01   999.00

20 28  9 76      3.2  259.6    10.61   999.00

21 28  9 76      5.1  256.1    10.95   999.00

22 28  9 76      3.6  249.2    10.48   999.00

23 28  9 76      1.0  260.9    10.22   999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 29  9 76      4.7   187.6   11.32   999.00

 1 29  9 76      0.9   265.7    9.68   999.00

 2 29  9 76      2.8   282.9    9.99   999.00

 3 29  9 76      4.5   264.0    9.95   999.00

 4 29  9 76      3.9   281.1    7.86   999.00

 5 29  9 76      2.1   172.8    7.47   999.00

 6 29  9 76      0.9   175.2    8.34   999.00

 7 29  9 76      0.9   122.0    8.66   999.00

 8 29  9 76      2.1   106.0   10.71   999.00

 9 29  9 76      4.5    98.6   11.64   999.00

10 29  9 76      3.9    84.1   13.78   999.00

11 29  9 76      6.2     1.3   14.88   999.00

12 29  9 76      6.4    14.2   15.85   999.00

13 29  9 76      6.6   353.8   16.10   999.00

14 29  9 76      6.0   111.2   17.25   999.00

15 29  9 76      5.0    12.6   17.44   999.00

16 29  9 76      6.8    23.8   17.59   999.00

17 29  9 76      3.4    42.9   17.34   999.00

18 29  9 76      5.7    41.0   15.83   999.00

19 29  9 76      0.9   284.6   13.66   999.00

20 29  9 76      2.7   274.1   13.34   999.00

21 29  9 76      4.3   265.2   13.43   999.00

22 29  9 76      1.2   256.6   13.37   999.00

23 29  9 76      6.5   245.0   13.90   999.00
```

```
              METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10     AT10      PREC
++ ++ ++ ++      +----------------------------------+

 0 30  9 76        8.0  256.6    12.57   999.00

 1 30  9 76        9.4  253.4    12.02   999.00

 2 30  9 76        9.6  250.5    11.36   999.00

 3 30  9 76       10.2  254.7    11.25   999.00

 4 30  9 76       10.3  254.8    11.34   999.00

 5 30  9 76        8.7  255.1    10.99   999.00

 6 30  9 76        8.5  259.5    10.97   999.00

 7 30  9 76        7.8  242.9    12.03   999.00

 8 30  9 76        4.9  229.5    14.60   999.00

 9 30  9 76        8.1  244.8    15.50   999.00

10 30  9 76       11.9  255.6    15.81   999.00

11 30  9 76       12.2  244.9    16.84   999.00

12 30  9 76        9.9  269.8    17.67   999.00

13 30  9 76        8.9  236.9    18.38   999.00

14 30  9 76        9.4  219.4    18.83   999.00

15 30  9 76        8.3  243.8    19.41   999.00

16 30  9 76        6.2  193.2    19.44   999.00

17 30  9 76        7.1  174.0    19.01   999.00

18 30  9 76        7.6  203.6    17.33   999.00

19 30  9 76       12.4  233.8    16.52   999.00

20 30  9 76       10.6  251.3    14.27   999.00

21 30  9 76       10.1  257.5    13.85   999.00

22 30  9 76        2.5  122.7    11.85   999.00

23 30  9 76        8.6  253.8    13.59   999.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	10	76	8.4	255.9	13.68	999.00
1	1	10	76	6.4	264.6	13.28	999.00
2	1	10	76	8.1	252.9	13.67	999.00
3	1	10	76	3.2	270.0	12.82	999.00
4	1	10	76	1.8	236.4	11.58	999.00
5	1	10	76	2.4	153.5	10.85	999.00
6	1	10	76	0.9	291.7	9.97	999.00
7	1	10	76	5.9	285.3	11.51	999.00
8	1	10	76	1.1	335.8	14.59	999.00
9	1	10	76	999.0	999.0	999.00	999.00
10	1	10	76	999.0	999.0	999.00	999.00
11	1	10	76	999.0	999.0	999.00	999.00
12	1	10	76	999.0	999.0	999.00	999.00
13	1	10	76	999.0	999.0	999.00	999.00
14	1	10	76	999.0	999.0	999.00	999.00
15	1	10	76	15.6	241.8	20.17	999.00
16	1	10	76	9.5	229.4	19.99	999.00
17	1	10	76	7.2	245.6	18.92	999.00
18	1	10	76	9.2	242.2	17.37	999.00
19	1	10	76	10.8	236.0	16.73	999.00
20	1	10	76	13.7	238.5	16.43	999.00
21	1	10	76	14.8	240.1	16.22	999.00
22	1	10	76	11.5	219.3	15.74	999.00
23	1	10	76	13.1	244.2	15.27	999.00

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  2 10 76     12.3  233.0   14.90   999.00

 1  2 10 76     13.5  236.0   14.15   999.00

 2  2 10 76     11.1  235.7   14.41   999.00

 3  2 10 76      6.6  213.8   13.22   999.00

 4  2 10 76      6.8  213.6   12.67   999.00

 5  2 10 76      3.6  215.8   11.54   999.00

 6  2 10 76      3.6  200.8   11.77   999.00

 7  2 10 76      2.4  273.6   11.48   999.00

 8  2 10 76     13.4  230.9   13.31   999.00

 9  2 10 76     14.5  190.6   12.86   999.00

10  2 10 76     13.1  188.0   12.04   999.00

11  2 10 76     15.7  192.3   12.72   999.00

12  2 10 76     11.8  204.0   14.02   999.00

13  2 10 76     27.3  226.3    8.90   999.00

14  2 10 76     16.4  212.9   11.99   999.00

15  2 10 76     20.7  240.8   11.32   999.00

16  2 10 76     10.3  259.7   10.13   999.00

17  2 10 76      7.6  313.8    7.15   999.00

18  2 10 76      9.5  269.3    6.51   999.00

19  2 10 76     10.5  187.5    4.61   999.00

20  2 10 76      3.4  161.1    4.62   999.00

21  2 10 76     12.8  224.9    6.09   999.00

22  2 10 76     13.0  236.5    6.13   999.00

23  2 10 76     12.4  220.3    6.74   999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++   +-----------------------------------+

 0  3 10 76      3.5   142.2     5.09   999.00

 1  3 10 76     10.6   233.2     5.80   999.00

 2  3 10 76      8.5   235.0     5.89   999.00

 3  3 10 76      7.5   207.6     5.77   999.00

 4  3 10 76      4.5   172.8     5.72   999.00

 5  3 10 76      7.8   219.2     6.03   999.00

 6  3 10 76      9.8   227.5     6.10   999.00

 7  3 10 76     16.2   260.0     6.31   999.00

 8  3 10 76     14.1   265.7     6.50   999.00

 9  3 10 76     14.5   261.3     7.37   999.00

10  3 10 76      9.7   255.8     7.71   999.00

11  3 10 76      8.2   219.9     9.05   999.00

12  3 10 76     12.0   274.4     9.37   999.00

13  3 10 76     13.7   284.7    10.18   999.00

14  3 10 76     15.2   298.6    10.48   999.00

15  3 10 76     11.4   290.9    10.81   999.00

16  3 10 76     10.6   303.1    10.52   999.00

17  3 10 76     11.6   313.7     9.87   999.00

18  3 10 76      6.5   326.9     8.92   999.00

19  3 10 76      5.4    28.2     7.93   999.00

20  3 10 76      3.0   356.7     7.30   999.00

21  3 10 76      3.3    31.9     7.14   999.00

22  3 10 76      6.3    29.6     5.24   999.00

23  3 10 76      5.3   353.8     4.17   999.00
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0  4 10 76       3.9  324.0     3.05   999.00

 1  4 10 76       3.7  297.8     2.57   999.00

 2  4 10 76       2.3   27.6     1.89   999.00

 3  4 10 76       2.4  344.9     2.03   999.00

 4  4 10 76       2.5  283.7     1.65   999.00

 5  4 10 76       1.1  247.0    -0.04   999.00

 6  4 10 76       3.6  188.5     1.75   999.00

 7  4 10 76       4.1  274.7     1.70   999.00

 8  4 10 76       3.3  334.3     3.18   999.00

 9  4 10 76       4.6   16.0     4.40   999.00

10  4 10 76       4.1   26.1     5.93   999.00

11  4 10 76       4.8   51.2     7.29   999.00

12  4 10 76       5.4   18.5     8.24   999.00

13  4 10 76       5.6  304.4     9.14   999.00

14  4 10 76       6.0   31.3     9.77   999.00

15  4 10 76       8.1  324.1    10.16   999.00

16  4 10 76       9.3  294.8     9.94   999.00

17  4 10 76      10.3  297.4     9.66   999.00

18  4 10 76       5.5  297.0     7.82   999.00

19  4 10 76       4.4  273.6     5.86   999.00

20  4 10 76       5.1  262.0     6.30   999.00

21  4 10 76       7.1  268.0     5.40   999.00

22  4 10 76       5.9  283.6     6.16   999.00

23  4 10 76       4.4  356.2     5.57   999.00
```

```
  RIO BLANCO OIL SHALE PROJECT   SITE   TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10     AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0  5 10 76      4.2  285.5      4.25   999.00

 1  5 10 76      3.3   59.4      4.16   999.00

 2  5 10 76      3.2   47.7      3.48   999.00

 3  5 10 76      3.2  276.5      2.68   999.00

 4  5 10 76      2.7  309.7      2.57   999.00

 5  5 10 76      2.6  277.9      2.06   999.00

 6  5 10 76      2.1  249.4      2.14   999.00

 7  5 10 76      2.4  183.2      2.93   999.00

 8  5 10 76      1.9  184.0      4.58   999.00

 9  5 10 76      5.2   99.1      5.50   999.00

10  5 10 76      5.3  130.8      6.48   999.00

11  5 10 76      4.7  141.9      8.07   999.00

12  5 10 76      7.5  269.2      9.56   999.00

13  5 10 76      9.6  269.3      9.91   999.00

14  5 10 76     12.9  273.5     10.41   999.00

15  5 10 76     14.7  289.6     10.77   999.00

16  5 10 76     12.3  274.5     10.85   999.00

17  5 10 76      9.7  291.3     10.57   999.00

18  5 10 76      5.7  250.2      9.65   999.00

19  5 10 76      7.5  242.4      7.95   999.00

20  5 10 76      5.2  243.6      7.47   999.00

21  5 10 76      8.4  267.8      6.57   999.00

22  5 10 76     10.0  262.2      7.70   999.00

23  5 10 76      8.5  284.0      7.63   999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0  6 10 76      3.5  272.4    6.87   999.00

 1  6 10 76      4.9  193.5    6.75   999.00

 2  6 10 76      8.9  254.1    6.12   999.00

 3  6 10 76      8.2  240.3    6.41   999.00

 4  6 10 76      6.5  259.8    5.30   999.00

 5  6 10 76      7.7  258.3    5.04   999.00

 6  6 10 76      9.7  267.4    5.46   999.00

 7  6 10 76      7.1  274.9    5.63   999.00

 8  6 10 76     13.5  320.3    7.56   999.00

 9  6 10 76     16.0  325.6    7.87   999.00

10  6 10 76     18.6  321.6    8.06   999.00

11  6 10 76     16.4   30.3    5.12   999.00

12  6 10 76     17.7   30.8    3.17   999.00

13  6 10 76      9.3   58.1    2.43   999.00

14  6 10 76      8.9   60.0    3.24   999.00

15  6 10 76     10.3   55.4    3.90   999.00

16  6 10 76     11.9   59.0    4.03   999.00

17  6 10 76     10.8   47.4    4.28   999.00

18  6 10 76      9.0   44.5    2.81   999.00

19  6 10 76      8.7   50.5    1.53   999.00

20  6 10 76      5.6   80.4    1.27   999.00

21  6 10 76      5.6   76.1    1.15   999.00

22  6 10 76      5.1   13.4    0.45   999.00

23  6 10 76      9.8   32.5   -0.36   999.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	10	76	6.8	41.6	-1.64	999.00
1	7	10	76	7.9	22.8	-1.95	999.00
2	7	10	76	7.7	45.4	-0.62	999.00
3	7	10	76	7.3	22.8	-1.71	999.00
4	7	10	76	5.2	334.1	-2.67	999.00
5	7	10	76	3.2	341.8	-2.92	999.00
6	7	10	76	4.1	308.2	-3.26	999.00
7	7	10	76	2.4	50.9	-3.01	999.00
8	7	10	76	4.2	63.2	-1.52	999.00
9	7	10	76	4.5	24.6	0.35	999.00
10	7	10	76	5.9	53.6	1.70	999.00
11	7	10	76	7.3	64.4	2.81	999.00
12	7	10	76	6.4	37.5	3.79	999.00
13	7	10	76	5.4	119.1	4.96	999.00
14	7	10	76	6.4	44.0	6.34	999.00
15	7	10	76	6.4	59.1	6.77	999.00
16	7	10	76	5.6	64.1	6.89	999.00
17	7	10	76	2.2	29.3	7.28	999.00
18	7	10	76	2.9	126.1	5.47	999.00
19	7	10	76	4.0	263.5	4.25	999.00
20	7	10	76	4.7	179.4	4.52	999.00
21	7	10	76	2.9	225.0	3.64	999.00
22	7	10	76	3.3	252.7	3.80	999.00
23	7	10	76	4.7	261.5	3.79	999.00

```
              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  8 10 76      3.4  278.2     3.56   999.00

 1  8 10 76      3.2  271.4     4.03   999.00

 2  8 10 76      1.8  287.6     3.58   999.00

 3  8 10 76      1.2  290.8     2.02   999.00

 4  8 10 76      1.8  274.9     2.61   999.00

 5  8 10 76      2.6  265.0     2.94   999.00

 6  8 10 76      2.4   85.5     2.48   999.00

 7  8 10 76      1.9   96.8     3.63   999.00

 8  8 10 76      3.5  113.7     6.06   999.00

 9  8 10 76      4.8  131.7     7.58   999.00

10  8 10 76      5.3  131.8     9.04   999.00

11  8 10 76      5.6  101.8    10.85   999.00

12  8 10 76      7.2  120.0    12.17   999.00

13  8 10 76      5.1  115.8    13.74   999.00

14  8 10 76      5.4   68.1    14.45   999.00

15  8 10 76      4.0  102.2    15.47   999.00

16  8 10 76      3.3   92.7    15.79   999.00

17  8 10 76      5.5  269.2    15.68   999.00

18  8 10 76      3.3  237.1    12.31   999.00

19  8 10 76      5.2  233.0    11.48   999.00

20  8 10 76      4.1  191.1    11.11   999.00

21  8 10 76      4.1  185.7    11.10   999.00

22  8 10 76      5.6  182.4    10.90   999.00

23  8 10 76      2.7  272.1     9.76   999.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	9	10	76	3.2	287.0	9.44	999.00
1	9	10	76	2.1	275.9	9.65	999.00
2	9	10	76	3.4	19.5	9.35	999.00
3	9	10	76	3.6	281.0	7.35	999.00
4	9	10	76	4.6	270.0	9.50	999.00
5	9	10	76	0.9	247.9	9.61	999.00
6	9	10	76	2.6	64.6	7.48	999.00
7	9	10	76	4.9	356.5	7.62	999.00
8	9	10	76	2.4	110.6	10.97	999.00
9	9	10	76	3.8	83.2	12.96	999.00
10	9	10	76	6.7	66.9	13.18	999.00
11	9	10	76	5.1	85.4	14.93	999.00
12	9	10	76	3.0	32.6	18.07	999.00
13	9	10	76	9.8	286.2	17.72	999.00
14	9	10	76	8.9	279.7	18.33	999.00
15	9	10	76	9.1	268.9	18.74	999.00
16	9	10	76	9.1	284.9	19.00	999.00
17	9	10	76	8.9	295.3	18.17	999.00
18	9	10	76	4.2	197.4	15.74	999.00
19	9	10	76	7.6	198.5	14.37	999.00
20	9	10	76	5.2	208.4	15.47	999.00
21	9	10	76	4.9	255.0	13.87	999.00
22	9	10	76	6.8	258.1	14.24	999.00
23	9	10	76	6.9	263.6	14.22	999.00

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	PREC
0	10	10	76	10.4	255.3	13.02	999.00
1	10	10	76	4.2	331.3	11.46	999.00
2	10	10	76	4.4	273.2	11.59	999.00
3	10	10	76	1.9	225.4	11.33	999.00
4	10	10	76	6.1	256.7	12.23	999.00
5	10	10	76	2.9	239.6	10.65	999.00
6	10	10	76	2.1	155.9	10.63	999.00
7	10	10	76	4.1	245.5	11.71	999.00
8	10	10	76	3.0	124.3	13.84	999.00
9	10	10	76	10.9	240.7	15.80	999.00
10	10	10	76	16.3	246.2	16.89	999.00
11	10	10	76	14.6	240.4	17.63	999.00
12	10	10	76	12.6	224.0	17.85	999.00
13	10	10	76	12.1	206.9	18.40	999.00
14	10	10	76	13.6	234.6	18.59	999.00
15	10	10	76	14.2	218.2	17.85	999.00
16	10	10	76	15.2	193.9	17.68	999.00
17	10	10	76	12.6	213.7	16.04	999.00
18	10	10	76	13.8	212.5	14.24	999.00
19	10	10	76	13.0	217.7	13.69	999.00
20	10	10	76	17.2	229.4	14.16	999.00
21	10	10	76	14.1	222.6	13.93	999.00
22	10	10	76	14.1	222.6	13.80	999.00
23	10	10	76	12.6	226.6	13.49	999.00

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++   +-----------------------------+

 0 11 10 76    14.1   221.1    13.71   999.00

 1 11 10 76     9.5   248.7    12.23   999.00

 2 11 10 76    11.6   241.5    12.32   999.00

 3 11 10 76     7.4   235.4    12.21   999.00

 4 11 10 76     3.1   186.1    10.92   999.00

 5 11 10 76     1.7   123.8    10.51   999.00

 6 11 10 76     1.9   201.2    10.40   999.00

 7 11 10 76     3.9   158.5    10.02   999.00

 8 11 10 76     4.5   153.7    10.59   999.00

 9 11 10 76     2.6   174.9    12.93   999.00

10 11 10 76    11.1   216.6    15.33   999.00

11 11 10 76    11.1   245.1    15.62   999.00

12 11 10 76    12.5   253.4    16.01   999.00

13 11 10 76    13.2   232.7    15.82   999.00

14 11 10 76    11.8   213.5    16.18   999.00

15 11 10 76    12.3   223.6    16.27   999.00

16 11 10 76    10.0   200.8    16.17   999.00

17 11 10 76     9.5   219.8    15.21   999.00

18 11 10 76    11.7   220.4    12.89   999.00

19 11 10 76     8.2   260.0    11.40   999.00

20 11 10 76     9.3   308.2    11.00   999.00

21 11 10 76     3.2   298.7     9.71   999.00

22 11 10 76     2.4   321.0     9.53   999.00

23 11 10 76     1.6   285.5     8.77   999.00
```

```
  RIO BLANCO OIL SHALE PROJECT   SITE   TWO

                 METEOROLOGICAL  DATA
HR  DY  MO  YR       WS10   WDR10    AT10       PREC
++  ++  ++  ++     +-----------------------------------+

 0  12  10  76        4.4    69.2       8.97   999.00

 1  12  10  76        3.4   330.4       8.09   999.00

 2  12  10  76        4.3   324.0       6.83   999.00

 3  12  10  76        5.2   355.8       6.32   999.00

 4  12  10  76        2.3   275.1       5.69   999.00

 5  12  10  76        4.0   285.6       5.29   999.00

 6  12  10  76        4.1   275.0       5.20   999.00

 7  12  10  76        5.5   295.2       4.94   999.00

 8  12  10  76        5.9    32.0       6.67   999.00

 9  12  10  76        6.5    29.5       7.67   999.00

10  12  10  76        7.9    36.7       8.64   999.00

11  12  10  76       10.1    28.0       9.94   999.00

12  12  10  76        8.9    40.7      11.61   999.00

13  12  10  76        7.6    14.9      12.54   999.00

14  12  10  76        7.4    13.9      12.95   999.00

15  12  10  76        7.7    37.1      13.58   999.00

16  12  10  76        8.2   358.4      13.65   999.00

17  12  10  76        8.5     6.4      13.18   999.00

18  12  10  76        7.1    38.8      11.26   999.00

19  12  10  76        4.1   320.0       9.62   999.00

20  12  10  76        4.0   302.9       9.28   999.00

21  12  10  76        4.6   298.0       9.00   999.00

22  12  10  76        4.2   313.7       8.65   999.00

23  12  10  76        3.7   287.9       8.29   999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 13 10 76       2.7  311.0    8.07   999.00

 1 13 10 76       4.5  278.4    7.36   999.00

 2 13 10 76       5.5  254.7    8.12   999.00

 3 13 10 76       5.5  282.4    6.85   999.00

 4 13 10 76       4.8  288.2    7.10   999.00

 5 13 10 76       4.9  289.9    6.05   999.00

 6 13 10 76       5.8  275.4    5.61   999.00

 7 13 10 76       5.8  272.5    6.76   999.00

 8 13 10 76       2.6  293.0    8.79   999.00

 9 13 10 76       4.6  344.8   10.70   999.00

10 13 10 76       3.7   41.1   12.28   999.00

11 13 10 76       4.6   48.1   12.93   999.00

12 13 10 76       4.0   14.3   14.34   999.00

13 13 10 76       4.0  315.6   15.57   999.00

14 13 10 76       9.0  272.5   15.61   999.00

15 13 10 76      11.0  283.8   15.45   999.00

16 13 10 76      10.8  285.1   15.45   999.00

17 13 10 76      11.3  278.5   14.90   999.00

18 13 10 76      13.2  268.2   12.27   999.00

19 13 10 76       9.7  264.0   10.66   999.00

20 13 10 76       8.4  218.8   11.64   999.00

21 13 10 76       2.8  191.5   11.68   999.00

22 13 10 76       4.5  279.3   10.66   999.00

23 13 10 76       5.6  243.1   12.00   999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10    PREC
++ ++ ++ ++    +------------------------------+

 0 14 10 76      9.4  260.8   10.99  999.00

 1 14 10 76      2.9  290.3    9.24  999.00

 2 14 10 76      3.2  304.6    9.54  999.00

 3 14 10 76      3.4  263.4    9.59  999.00

 4 14 10 76      4.2  231.4    9.46  999.00

 5 14 10 76      4.5  278.5    8.83  999.00

 6 14 10 76      3.2  274.0    8.45  999.00

 7 14 10 76      4.7  246.3    8.57  999.00

 8 14 10 76      3.5  114.9   10.98  999.00

 9 14 10 76      4.4  105.8   10.88  999.00

10 14 10 76      3.8   81.1   13.60  999.00

11 14 10 76      5.5  171.2   13.92  999.00

12 14 10 76      6.1   69.8   14.69  999.00

13 14 10 76      5.0  224.8   15.72  999.00

14 14 10 76      5.5   70.6   16.45  999.00

15 14 10 76      4.8   71.6   16.82  999.00

16 14 10 76      7.9  335.0   16.81  999.00

17 14 10 76      8.3  323.5   15.88  999.00

18 14 10 76      5.5  267.1   12.63  999.00

19 14 10 76      3.8  279.2   12.52  999.00

20 14 10 76      4.3  270.9   12.65  999.00

21 14 10 76      4.7  272.6   11.83  999.00

22 14 10 76      4.9  280.6   11.85  999.00

23 14 10 76      4.8  292.1   10.79  999.00
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	15	10	76	3.6	292.1	9.28	999.00
1	15	10	76	3.1	287.4	8.58	999.00
2	15	10	76	4.6	334.4	7.57	999.00
3	15	10	76	4.9	288.9	5.77	999.00
4	15	10	76	5.2	269.0	5.99	999.00
5	15	10	76	5.1	274.3	5.77	999.00
6	15	10	76	4.9	272.3	6.09	999.00
7	15	10	76	4.1	271.4	6.24	999.00
8	15	10	76	2.4	261.7	8.17	999.00
9	15	10	76	3.8	97.8	10.24	999.00
10	15	10	76	5.9	115.8	11.06	999.00
11	15	10	76	4.4	88.3	12.43	999.00
12	15	10	76	6.4	61.1	13.75	999.00
13	15	10	76	6.8	14.6	14.84	999.00
14	15	10	76	6.1	56.1	15.35	999.00
15	15	10	76	5.4	60.8	15.32	999.00
16	15	10	76	6.5	294.2	15.47	0.0
17	15	10	76	6.6	48.9	13.56	0.0
18	15	10	76	4.5	16.3	12.03	0.0
19	15	10	76	4.1	247.2	10.93	0.0
20	15	10	76	4.1	271.4	10.39	0.0
21	15	10	76	3.3	279.0	10.26	0.0
22	15	10	76	3.8	279.8	9.82	0.0
23	15	10	76	5.3	258.3	10.19	0.0

```
              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10     AT10      PREC
++ ++ ++ ++     +----------------------------------+

 0 16 10 76      4.5  274.1      9.39      0.0

 1 16 10 76      3.8  275.4      9.32      0.0

 2 16 10 76      4.9  268.3      9.18      0.0

 3 16 10 76      4.4  294.3      8.59      0.0

 4 16 10 76      3.0  307.1      6.23      0.0

 5 16 10 76      3.9  302.6      6.81      0.0

 6 16 10 76      3.8  280.0      6.66      0.0

 7 16 10 76      2.9  296.1      7.13      0.0

 8 16 10 76      1.8  289.7      7.84      0.0

 9 16 10 76      4.5  110.4      9.34      0.0

10 16 10 76      5.6   85.5     10.55      0.0

11 16 10 76      7.1   85.6     11.65      0.0

12 16 10 76      3.7  147.9     13.17      0.0

13 16 10 76     13.7  271.4     13.67      0.0

14 16 10 76     10.9  291.7     13.83      0.0

15 16 10 76     10.0  303.1     14.10      0.0

16 16 10 76     12.5  283.5     14.34      0.0

17 16 10 76     10.9  280.8     13.92      0.0

18 16 10 76      9.8  249.5     12.26      0.0

19 16 10 76     12.8  227.6     11.22      0.0

20 16 10 76     14.2  220.3     11.06      0.0

21 16 10 76     14.8  218.2     11.13      0.0

22 16 10 76     12.9  226.8     10.50      0.0

23 16 10 76     12.9  242.4      9.52      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL  DATA
HR DY MO YR       WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0 17 10 76        7.9   259.0     9.39     0.0

 1 17 10 76        8.1   244.3     9.19     0.0

 2 17 10 76       13.9   224.6    10.04     0.0

 3 17 10 76       18.3   234.8     9.69     0.0

 4 17 10 76       17.6   240.3     9.06     0.0

 5 17 10 76       17.2   243.0     9.17     0.0

 6 17 10 76       18.2   245.9     9.53     0.0

 7 17 10 76       19.4   240.3     9.70     0.0

 8 17 10 76       18.9   239.3     9.99     0.0

 9 17 10 76       18.1   251.6    10.71     0.0

10 17 10 76       22.7   249.3    11.87     0.0

11 17 10 76       24.8   249.6    12.37     0.0

12 17 10 76       20.9   249.6    13.36     0.0

13 17 10 76       21.2   219.4    13.76     0.0

14 17 10 76       19.0   247.6    13.43     0.0

15 17 10 76       18.9   263.9    13.21     0.0

16 17 10 76       25.9   299.5    12.29     0.0

17 17 10 76       24.0   294.2    11.55     0.0

18 17 10 76       21.6   295.8     9.45     0.0

19 17 10 76       18.7   307.0     8.35     0.0

20 17 10 76        7.3    52.0     3.36     0.0

21 17 10 76        6.6    27.7     1.17     0.0

22 17 10 76        7.1     5.2    -0.70     0.0

23 17 10 76        4.8   332.7    -1.86     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDP10	AT10	PREC
++	++	++	++	+-------	----------	----------	-------+
0	18	10	76	1.5	331.9	-2.68	0.0
1	18	10	76	4.3	274.0	-3.47	0.0
2	18	10	76	3.6	8.1	-3.76	0.0
3	18	10	76	2.9	141.8	-5.46	0.0
4	18	10	76	3.8	55.7	-6.11	0.0
5	18	10	76	2.7	286.7	-7.08	0.0
6	18	10	76	5.1	290.2	-7.68	0.0
7	18	10	76	5.2	329.1	-7.49	0.0
8	18	10	76	7.4	17.4	-6.09	0.0
9	18	10	76	6.2	16.0	-5.81	0.0
10	18	10	76	6.5	26.6	-5.03	0.0
11	18	10	76	8.3	27.4	-3.80	0.0
12	18	10	76	8.7	65.4	-1.45	0.0
13	18	10	76	9.8	26.3	-1.05	0.0
14	18	10	76	7.3	58.3	0.0	0.0
15	18	10	76	7.1	28.4	0.77	0.0
16	18	10	76	8.4	58.5	0.53	0.0
17	18	10	76	5.9	31.2	0.13	0.0
18	18	10	76	6.2	37.2	-1.38	0.0
19	18	10	76	2.4	323.9	-2.56	0.0
20	18	10	76	3.9	274.9	-3.41	0.0
21	18	10	76	4.7	269.4	-3.65	0.0
22	18	10	76	4.4	260.4	-3.80	0.0
23	18	10	76	4.1	265.6	-4.34	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 19 10 76      4.8   255.9   -2.99     0.0

 1 19 10 76      5.9   259.5   -4.09     0.0

 2 19 10 76      5.6   283.4   -3.72     0.0

 3 19 10 76      2.2   287.4   -4.39     0.0

 4 19 10 76      6.1   269.0   -3.44     0.0

 5 19 10 76      5.6   259.4   -2.24     0.0

 6 19 10 76      4.1   265.9   -1.93     0.0

 7 19 10 76      2.4   136.2   -2.09     0.0

 8 19 10 76      2.0   349.8    0.29     0.0

 9 19 10 76      6.4   102.4    0.53     0.0

10 19 10 76      5.9    79.4    1.88     0.0

11 19 10 76      6.0   103.2    3.43     0.0

12 19 10 76      1.3   226.6    5.05     0.0

13 19 10 76      1.5    28.9    6.85     0.0

14 19 10 76      3.0   247.0    7.69     0.0

15 19 10 76      1.5   260.2    8.28     0.0

16 19 10 76      2.9   283.3    8.54     0.0

17 19 10 76      7.1   296.2    7.40     0.0

18 19 10 76      1.1   184.8    4.16     0.0

19 19 10 76    999.0   175.3    4.43     0.0

20 19 10 76    999.0   273.0    3.04     0.0

21 19 10 76    999.0   254.6    3.32     0.0

22 19 10 76    999.0   262.0    3.03     0.0

23 19 10 76    999.0   281.6    3.05     0.0
```

RIO BLANCO OIL SHALE PROJECT   SITE   TWO

```
                   METEOROLOGICAL DATA
HR DY MO YR      WS10    WDR10     AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 20 10 76     999.0    270.7     2.63      0.0

 1 20 10 76     999.0    305.4     2.56      0.0

 2 20 10 76     999.0     98.9     1.03      0.0

 3 20 10 76     999.0    347.8     1.39      0.0

 4 20 10 76     999.0    247.4     0.81      0.0

 5 20 10 76     999.0    277.7     0.48      0.0

 6 20 10 76     999.0    275.6     0.61      0.0

 7 20 10 76     999.0    276.0     1.14      0.0

 8 20 10 76     999.0    273.6     3.12      0.0

 9 20 10 76     999.0    129.4     4.70      0.0

10 20 10 76     999.0     79.5     5.43      0.0

11 20 10 76     999.0     72.1     7.11      0.0

12 20 10 76     999.0     94.8     8.78      0.0

13 20 10 76     999.0      4.5     9.43      0.0

14 20 10 76     999.0     15.1    10.10      0.0

15 20 10 76     999.0     21.1    10.57      0.0

16 20 10 76     999.0    321.7    10.61      0.0

17 20 10 76     999.0    302.6     9.86      0.0

18 20 10 76     999.0    145.2     6.35      0.0

19 20 10 76     999.0    188.4     6.83      0.0

20 20 10 76     999.0    236.1     5.69      0.0

21 20 10 76     999.0    204.1     6.53      0.0

22 20 10 76     999.0    263.6     5.43      0.0

23 20 10 76     999.0    266.4     5.38      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

```
                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 21 10 76     999.0   279.4     5.42      0.0

 1 21 10 76     999.0   263.9     5.24      0.0

 2 21 10 76     999.0   280.5     4.12      0.0

 3 21 10 76     999.0   258.1     4.26      0.0

 4 21 10 76     999.0   260.6     4.11      0.0

 5 21 10 76     999.0   131.5     1.41      0.0

 6 21 10 76     999.0   223.9     2.43      0.0

 7 21 10 76     999.0   266.2     3.59      0.0

 8 21 10 76     999.0   300.3     5.57      0.0

 9 21 10 76     999.0   100.9     7.39      0.0

10 21 10 76     999.0    75.8     8.48      0.0

11 21 10 76     999.0    67.0    10.05      0.0

12 21 10 76     999.0   105.3    11.19      0.0

13 21 10 76     999.0    14.3    12.16      0.0

14 21 10 76     999.0    68.5    12.22      0.0

15 21 10 76     999.0   336.3    12.22      0.0

16 21 10 76     999.0   324.4    11.77      0.0

17 21 10 76     999.0   313.1    10.55      0.0

18 21 10 76     999.0   251.8     8.85      0.0

19 21 10 76     999.0   253.0     7.99      0.0

20 21 10 76     999.0   269.1     7.06      0.0

21 21 10 76     999.0   265.8     7.02      0.0

22 21 10 76     999.0   251.6     7.70      0.0

23 21 10 76     999.0   259.0     5.86      0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10     PREC
++ ++ ++ ++     +-----------------------------------+

 0 22 10 76     999.0   256.5     5.63     0.0

 1 22 10 76     999.0   251.9     5.69     0.0

 2 22 10 76     999.0   245.6     6.07     0.0

 3 22 10 76     999.0   251.0     6.08     0.0

 4 22 10 76     999.0   228.0     5.89     0.0

 5 22 10 76     999.0   200.9     4.93     0.0

 6 22 10 76     999.0    80.4     4.64     0.0

 7 22 10 76     999.0   236.7     4.61     0.0

 8 22 10 76     999.0   234.5     5.89     0.0

 9 22 10 76     999.0   238.5     7.14     0.0

10 22 10 76     999.0   246.2     8.30     0.0

11 22 10 76     999.0   258.5     9.14     0.0

12 22 10 76     999.0   277.4     9.75     0.0

13 22 10 76     999.0   284.6    10.23     0.0

14 22 10 76     999.0   264.6    10.72     0.0

15 22 10 76     999.0   292.8    10.73     0.0

16 22 10 76     999.0   260.7     9.92     0.0

17 22 10 76     999.0   211.7     8.82     0.0

18 22 10 76     999.0   207.6     6.79     0.0

19 22 10 76     999.0   216.5     6.71     0.0

20 22 10 76     999.0   224.8     6.85     0.0

21 22 10 76     999.0   240.2     6.56     0.0

22 22 10 76     999.0   245.4     6.14     0.0

23 22 10 76     999.0   251.9     5.48     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 23 10 76     999.0   252.5    4.77     0.0

 1 23 10 76     999.0   254.2    3.86     0.0

 2 23 10 76     999.0   242.8    5.16     0.0

 3 23 10 76     999.0   253.2    4.21     0.0

 4 23 10 76     999.0   258.7    3.16     0.0

 5 23 10 76     999.0   256.4    3.05     0.0

 6 23 10 76     999.0   255.9    2.76     0.0

 7 23 10 76     999.0   256.5    2.89     0.0

 8 23 10 76     999.0   255.7    5.61     0.0

 9 23 10 76     999.0   272.3    6.65     0.0

10 23 10 76     999.0   267.5    7.60     0.0

11 23 10 76     999.0   283.9    8.52     0.0

12 23 10 76     999.0   273.7    8.78     0.0

13 23 10 76     999.0   292.6    9.10     0.0

14 23 10 76     999.0   289.6    9.29     0.0

15 23 10 76     999.0   307.2    9.90     0.0

16 23 10 76     999.0   301.1    9.41     0.0

17 23 10 76     999.0   298.8    9.05     0.0

18 23 10 76     999.0   284.2    6.39     0.0

19 23 10 76     999.0   249.8    6.93     0.0

20 23 10 76     999.0   229.9    6.89     0.0

21 23 10 76     999.0   221.2    7.12     0.0

22 23 10 76     999.0   221.8    7.60     0.0

23 23 10 76     999.0   252.4    5.62     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 24 10 76    999.0    44.9    4.22     0.0

 1 24 10 76    999.0   219.1    4.02     0.0

 2 24 10 76    999.0   260.3    4.63     0.0

 3 24 10 76    999.0   257.8    3.48     0.0

 4 24 10 76    999.0   253.6    3.44     0.0

 5 24 10 76    999.0   256.0    2.70     0.0

 6 24 10 76    999.0   253.8    2.86     0.0

 7 24 10 76    999.0   240.0    3.42     0.0

 8 24 10 76    999.0   253.9    3.84     0.0

 9 24 10 76    999.0   267.5    4.87     0.0

10 24 10 76    999.0   269.0    6.06     0.0

11 24 10 76    999.0   281.0    6.67     0.0

12 24 10 76    999.0   292.7    7.20     0.0

13 24 10 76    999.0   287.2    8.08     0.0

14 24 10 76    999.0   294.0    8.29     0.0

15 24 10 76    999.0   294.1    8.73     0.0

16 24 10 76    999.0   292.0    8.68     0.0

17 24 10 76    999.0   294.5    7.99     0.0

18 24 10 76    999.0   258.6    6.13     0.0

19 24 10 76    999.0   261.5    5.45     0.0

20 24 10 76    999.0   235.9    6.77     0.0

21 24 10 76    999.0   257.4    5.51     0.0

22 24 10 76    999.0   245.6    5.10     0.0

23 24 10 76    999.0   243.2    4.81     0.0
```

```
    RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR       WS10   WDR10    AT10      PREC
++ ++ ++ ++      +-----------------------------+

 0 25 10 76     999.0   254.7     4.16      0.0

 1 25 10 76     999.0   241.2     4.17      0.0

 2 25 10 76     999.0   266.3     2.55      0.0

 3 25 10 76     999.0   259.7     3.44      0.0

 4 25 10 76     999.0   251.3     3.85      0.0

 5 25 10 76     999.0   251.7     3.70      0.0

 6 25 10 76     999.0   230.4     3.63      0.0

 7 25 10 76     999.0   240.9     3.92      0.0

 8 25 10 76     999.0   137.4     5.29      0.0

 9 25 10 76     999.0   228.7     7.24      0.0

10 25 10 76     999.0   243.9     8.11      0.0

11 25 10 76     999.0   265.8     8.40      0.0

12 25 10 76     999.0   266.4     8.65      0.0

13 25 10 76     999.0   231.9     8.64      0.0

14 25 10 76     999.0   304.2     5.95      0.0

15 25 10 76     999.0   291.4     1.20      0.0

16 25 10 76     999.0   268.1     0.20      0.01

17 25 10 76     999.0   271.2     1.85      0.0

18 25 10 76     999.0   329.9     0.19      0.0

19 25 10 76     999.0    11.0    -0.66      0.0

20 25 10 76     999.0   273.8    -1.29      0.0

21 25 10 76     999.0   148.9    -1.06      0.0

22 25 10 76     999.0    38.9    -0.75      0.0

23 25 10 76     999.0   344.1    -1.64      0.0
```

```
                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0 26 10 76     999.0   27.0   -2.13      0.0

 1 26 10 76     999.0  246.1   -2.51      0.0

 2 26 10 76     999.0  237.9   -2.94      0.0

 3 26 10 76     999.0  220.6   -3.15      0.0

 4 26 10 76     999.0  269.9   -3.80      0.0

 5 26 10 76     999.0  279.9   -3.30      0.0

 6 26 10 76     999.0  319.7   -4.02      0.0

 7 26 10 76     999.0  264.2   -4.33      0.0

 8 26 10 76     999.0  149.2   -3.64      0.0

 9 26 10 76     999.0  119.3   -3.26      0.0

10 26 10 76     999.0   63.3   -2.72      0.0

11 26 10 76     999.0   40.1   -1.70      0.0

12 26 10 76     999.0   24.1   -1.22      0.0

13 26 10 76     999.0   14.4   -0.37      0.0

14 26 10 76     999.0   26.7    0.39      0.0

15 26 10 76     999.0   12.9    0.0       0.0

16 26 10 76     999.0   24.8    0.84      0.0

17 26 10 76     999.0   13.3    0.65      0.0

18 26 10 76     999.0   24.2    0.23      0.0

19 26 10 76     999.0   21.9    0.0       0.0

20 26 10 76     999.0  356.7   -0.81      0.0

21 26 10 76     999.0   35.6   -1.76      0.0

22 26 10 76     999.0    9.4   -1.80      0.0

23 26 10 76     999.0   37.8   -1.51      0.0
```

```
RIO BLANCO OIL SHALE PROJECT   SITE   TWO

              METEOROLOGICAL  DATA
HR DY MO  YR      WS10   WDR10    AT10     PREC
++ ++ ++  ++    +----------------------------------+

 0 27 10 76    999.0  348.4   -2.42     0.0

 1 27 10 76    999.0   16.8   -2.40     0.0

 2 27 10 76    999.0  357.0   -3.27     0.0

 3 27 10 76    999.0    7.5   -3.25     0.0

 4 27 10 76    999.0  319.9   -3.70     0.0

 5 27 10 76    999.0  315.4   -4.02     0.0

 6 27 10 76    999.0   73.9   -4.88     0.0

 7 27 10 76    999.0  288.7   -5.52     0.0

 8 27 10 76    999.0  326.5   -4.38     0.0

 9 27 10 76    999.0  357.4   -2.20     0.0

10 27 10 76    999.0   59.5   -0.59     0.0

11 27 10 76    999.0   69.3    0.65     0.0

12 27 10 76    999.0   60.6    1.81     0.0

13 27 10 76    999.0   75.6    2.61     0.0

14 27 10 76    999.0   61.7    3.13     0.0

15 27 10 76    999.0   49.2    3.99     0.0

16 27 10 76    999.0   29.8    3.81     0.0

17 27 10 76    999.0   29.5    2.83     0.0

18 27 10 76    999.0  337.1    1.00     0.0

19 27 10 76    999.0  295.3   -0.23     0.0

20 27 10 76    999.0  284.7   -0.52     0.0

21 27 10 76    999.0  283.0   -0.43     0.0

22 27 10 76    999.0  270.4   -0.14     0.0

23 27 10 76    999.0  271.8   -0.58     0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +----------------------------------+

 0 28 10 76     999.0   273.8   -0.29      0.0

 1 28 10 76     999.0   263.2   -0.52      0.0

 2 28 10 76     999.0   268.1   -0.71      0.0

 3 28 10 76     999.0   292.6   -0.95      0.0

 4 28 10 76     999.0   274.0   -1.58      0.0

 5 28 10 76     999.0   227.6   -2.89      0.0

 6 28 10 76     999.0   276.8   -2.32      0.0

 7 28 10 76     999.0   266.6   -1.76      0.0

 8 28 10 76     999.0   264.5   -0.42      0.0

 9 28 10 76     999.0    89.6    1.72      0.0

10 28 10 76     999.0   118.3    2.38      0.0

11 28 10 76     999.0   124.6    3.39      0.0

12 28 10 76     999.0    86.2    4.95      0.0

13 28 10 76     999.0    78.3    5.99      0.0

14 28 10 76     999.0    40.0    6.72      0.0

15 28 10 76     999.0    15.6    7.65      0.0

16 28 10 76     999.0    73.3    7.14      0.0

17 28 10 76     999.0    46.7    5.52      0.0

18 28 10 76     999.0   296.2    3.34      0.0

19 28 10 76     999.0   268.9    2.87      0.0

20 28 10 76     999.0   282.0    2.61      0.0

21 28 10 76     999.0   277.4    2.49      0.0

22 28 10 76     999.0   281.3    1.92      0.0

23 28 10 76     999.0   288.2    2.11      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 29 10 76    999.0   300.7    2.10     0.0

 1 29 10 76    999.0    65.0    1.82     0.0

 2 29 10 76    999.0   174.7    0.88     0.0

 3 29 10 76    999.0   167.5    1.06     0.0

 4 29 10 76    999.0   261.3   -0.62     0.0

 5 29 10 76    999.0    38.8   -0.95     0.0

 6 29 10 76    999.0    99.1   -1.21     0.0

 7 29 10 76    999.0   282.2   -0.27     0.0

 8 29 10 76    999.0   110.0    2.66     0.0

 9 29 10 76    999.0    97.8    3.72     0.0

10 29 10 76    999.0    91.7    4.74     0.0

11 29 10 76    999.0    79.0    7.12     0.0

12 29 10 76    999.0    34.1    8.03     0.0

13 29 10 76    999.0    23.6    8.80     0.0

14 29 10 76    999.0    71.7    9.46     0.0

15 29 10 76    999.0    47.8    9.84     0.0

16 29 10 76    999.0    88.4    9.90     0.0

17 29 10 76    999.0   100.2    8.53     0.0

18 29 10 76    999.0   257.3    6.90     0.0

19 29 10 76    999.0   271.4    6.26     0.0

20 29 10 76    999.0   232.9    5.92     0.0

21 29 10 76    999.0    14.0    4.77     0.0

22 29 10 76    999.0   281.4    5.43     0.0

23 29 10 76    999.0   259.6    5.39     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 30 10 76    999.0  295.4    4.31     0.0

 1 30 10 76    999.0  278.5    4.93     0.0

 2 30 10 76    999.0  318.1    2.69     0.0

 3 30 10 76    999.0  186.2    2.90     0.0

 4 30 10 76    999.0  241.6    3.03     0.0

 5 30 10 76    999.0  284.7    3.24     0.0

 6 30 10 76    999.0  150.9    1.86     0.0

 7 30 10 76    999.0  313.7    2.24     0.0

 8 30 10 76    999.0  233.4    2.56     0.0

 9 30 10 76    999.0   96.9    6.03     0.0

10 30 10 76    999.0   48.8    6.65     0.0

11 30 10 76    999.0   75.7    7.37     0.0

12 30 10 76    999.0   64.0    7.98     0.0

13 30 10 76    999.0   67.3    9.27     0.0

14 30 10 76    999.0   42.7    9.55     0.0

15 30 10 76    999.0   71.2    9.79     0.0

16 30 10 76    999.0   39.8    9.72     0.0

17 30 10 76    999.0   44.8    8.16     0.0

18 30 10 76    999.0  312.7    6.60     0.0

19 30 10 76    999.0  283.7    5.36     0.0

20 30 10 76    999.0  283.6    5.01     0.0

21 30 10 76    999.0  277.1    5.17     0.0

22 30 10 76    999.0  275.5    4.94     0.0

23 30 10 76    999.0  281.1    4.60     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                  METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++    +-----------------------------------+

 0 31 10 76    999.0   269.4     4.59      0.0

 1 31 10 76    999.0   260.2     4.88      0.0

 2 31 10 76    999.0   251.6     4.91      0.0

 3 31 10 76    999.0   250.4     4.98      0.0

 4 31 10 76    999.0   270.9     4.65      0.0

 5 31 10 76    999.0   265.9     4.64      0.0

 6 31 10 76    999.0   252.3     3.54      0.0

 7 31 10 76    999.0   275.8     3.83      0.0

 8 31 10 76    999.0   108.9     4.43      0.0

 9 31 10 76    999.0   125.7     7.01      0.0

10 31 10 76    999.0   132.2     8.91      0.0

11 31 10 76    999.0   232.9     9.41      0.0

12 31 10 76    999.0   263.0    10.08      0.0

13 31 10 76    999.0   270.6    10.45      0.0

14 31 10 76    999.0   283.6    10.83      0.0

15 31 10 76    999.0   296.8    11.06      0.0

16 31 10 76    999.0   298.3    10.76      0.0

17 31 10 76    999.0   283.6     9.98      0.0

18 31 10 76    999.0   233.8     8.97      0.0

19 31 10 76    999.0   230.8     7.88      0.0

20 31 10 76    999.0   262.4     6.39      0.0

21 31 10 76    999.0   261.7     6.52      0.0

22 31 10 76    999.0   255.6     7.04      0.0

23 31 10 76    999.0   252.3     6.59      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +----------------------------------+

 0  1 11 76     999.0  257.5     5.41      0.0

 1  1 11 76     999.0  303.2     4.75      0.0

 2  1 11 76     999.0  263.8     4.79      0.0

 3  1 11 76     999.0  261.7     6.25      0.0

 4  1 11 76     999.0  245.5     5.77      0.0

 5  1 11 76     999.0  256.2     5.22      0.0

 6  1 11 76     999.0   53.0     4.36      0.0

 7  1 11 76     999.0  296.8     4.41      0.0

 8  1 11 76     999.0  226.7     6.90      0.0

 9  1 11 76     999.0  105.4     8.55      0.0

10  1 11 76     999.0   91.9     8.98      0.0

11  1 11 76     999.0  105.7    10.31      0.0

12  1 11 76     999.0  126.2    11.03      0.0

13  1 11 76     999.0  257.5    11.76      0.0

14  1 11 76     999.0  277.2    12.23      0.0

15  1 11 76     999.0  275.3    12.04      0.0

16  1 11 76     999.0  284.9    11.72      0.0

17  1 11 76     999.0  277.1    10.71      0.0

18  1 11 76     999.0  241.5     8.85      0.0

19  1 11 76     999.0  287.2     7.55      0.0

20  1 11 76     999.0  253.6     7.17      0.0

21  1 11 76     999.0  187.3     8.29      0.0

22  1 11 76     999.0  274.7     7.37      0.0

23  1 11 76     999.0  283.4     6.94      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	11	76	999.0	284.5	6.45	0.0
1	2	11	76	999.0	284.2	5.90	0.0
2	2	11	76	999.0	282.0	5.81	0.0
3	2	11	76	999.0	277.9	5.93	0.0
4	2	11	76	999.0	274.3	5.83	0.0
5	2	11	76	999.0	271.0	5.96	0.0
6	2	11	76	999.0	269.2	5.74	0.0
7	2	11	76	999.0	253.1	5.88	0.0
8	2	11	76	999.0	224.4	7.79	0.0
9	2	11	76	999.0	136.0	9.06	0.0
10	2	11	76	999.0	75.1	9.88	0.0
11	2	11	76	999.0	71.6	10.60	0.0
12	2	11	76	999.0	81.9	12.01	0.0
13	2	11	76	999.0	337.7	13.05	0.0
14	2	11	76	999.0	1.9	13.50	0.0
15	2	11	76	999.0	5.6	13.18	0.0
16	2	11	76	999.0	343.0	11.83	0.0
17	2	11	76	999.0	306.1	10.64	0.0
18	2	11	76	999.0	286.3	9.22	0.0
19	2	11	76	999.0	275.5	8.67	0.0
20	2	11	76	999.0	273.7	9.00	0.0
21	2	11	76	999.0	300.0	8.63	0.0
22	2	11	76	999.0	275.9	7.21	0.0
23	2	11	76	999.0	258.9	7.50	0.0

```
                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  3 11 76     999.0   261.5    7.22     0.0

 1  3 11 76     999.0   270.1    6.99     0.0

 2  3 11 76     999.0   280.6    7.11     0.0

 3  3 11 76     999.0   278.2    6.74     0.0

 4  3 11 76     999.0    21.4    5.54     0.0

 5  3 11 76     999.0   267.3    4.81     0.0

 6  3 11 76     999.0   211.5    5.26     0.0

 7  3 11 76     999.0   301.4    4.73     0.0

 8  3 11 76     999.0   292.3    4.49     0.0

 9  3 11 76     999.0    16.6    5.94     0.0

10  3 11 76     999.0    54.0    6.66     0.0

11  3 11 76     999.0    24.7    7.77     0.0

12  3 11 76     999.0    46.7    8.14     0.0

13  3 11 76     999.0    40.8    8.29     0.0

14  3 11 76     999.0    13.3    8.31     0.0

15  3 11 76     999.0    49.2    8.90     0.0

16  3 11 76     999.0    45.7    8.78     0.0

17  3 11 76     999.0    38.3    7.50     0.0

18  3 11 76     999.0   328.8    6.33     0.0

19  3 11 76     999.0   278.9    5.25     0.0

20  3 11 76     999.0   283.1    5.13     0.0

21  3 11 76     999.0   282.9    4.67     0.0

22  3 11 76     999.0   284.9    4.68     0.0

23  3 11 76     999.0   284.2    4.43     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0  4 11 76    999.0   265.9     4.30     0.0

 1  4 11 76    999.0   275.9     4.12     0.0

 2  4 11 76    999.0   274.9     3.63     0.0

 3  4 11 76    999.0   259.9     4.41     0.0

 4  4 11 76    999.0   218.3     5.09     0.0

 5  4 11 76    999.0   273.4     3.73     0.0

 6  4 11 76    999.0   269.6     4.00     0.0

 7  4 11 76    999.0   251.9     3.95     0.0

 8  4 11 76    999.0   123.1     5.14     0.0

 9  4 11 76    999.0   129.8     5.95     0.0

10  4 11 76    999.0   118.1     7.77     0.0

11  4 11 76    999.0   245.1     9.32     0.0

12  4 11 76    999.0   268.4    10.07     0.0

13  4 11 76    999.0   260.5    11.05     0.0

14  4 11 76    999.0   250.9    11.82     0.0

15  4 11 76    999.0   259.7    12.12     0.0

16  4 11 76    999.0   277.2    12.32     0.0

17  4 11 76    999.0   259.4    10.92     0.0

18  4 11 76    999.0   269.9     8.08     0.0

19  4 11 76    999.0   249.4     8.73     0.0

20  4 11 76    999.0   252.8     9.01     0.0

21  4 11 76    999.0   252.9     8.98     0.0

22  4 11 76    999.0   273.2     7.95     0.0

23  4 11 76    999.0   260.0     7.90     0.0
```

```
                 METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  5 11 76    999.0  155.5     7.07     0.0

 1  5 11 76    999.0  241.3     7.71     0.0

 2  5 11 76    999.0  214.4     7.71     0.0

 3  5 11 76    999.0  244.3     7.32     0.0

 4  5 11 76    999.0  230.5     5.88     0.0

 5  5 11 76    999.0   63.4     5.94     0.0

 6  5 11 76    999.0  224.1     5.85     0.0

 7  5 11 76    999.0  153.0     5.66     0.0

 8  5 11 76    999.0  252.7     5.60     0.0

 9  5 11 76    999.0  138.4     8.64     0.0

10  5 11 76    999.0  115.2    10.10     0.0

11  5 11 76    999.0  114.5    11.06     0.0

12  5 11 76    999.0  153.8    13.40     0.0

13  5 11 76    999.0   66.5    15.11     0.0

14  5 11 76    999.0  314.6    15.37     0.0

15  5 11 76    999.0  267.1    15.23     0.0

16  5 11 76    999.0  299.8    15.38     0.0

17  5 11 76    999.0  323.9    12.90     0.0

18  5 11 76    999.0  147.5    10.96     0.0

19  5 11 76    999.0  179.9    10.41     0.0

20  5 11 76    999.0  245.9     8.36     0.0

21  5 11 76    999.0  259.8     9.01     0.0

22  5 11 76    999.0  222.8    10.12     0.0

23  5 11 76    999.0  222.1     7.59     0.0
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
  HR DY MO YR     WS10  WDR10   AT10     PREC
  ++ ++ ++ ++    +-----------------------------+

   0  7 11 76    999.0  273.0    5.87     0.0

   1  7 11 76    999.0  277.6    5.38     0.0

   2  7 11 76    999.0  328.0    4.26     0.0

   3  7 11 76    999.0  297.1    3.14     0.0

   4  7 11 76    999.0  250.6    3.68     0.0

   5  7 11 76    999.0  267.8    2.99     0.0

   6  7 11 76    999.0   53.7    3.28     0.0

   7  7 11 76    999.0  290.4    1.89     0.0

   8  7 11 76    999.0    6.0    4.13     0.0

   9  7 11 76    999.0  123.9    7.14     0.0

  10  7 11 76    999.0   97.8    8.06     0.0

  11  7 11 76    999.0  107.1    9.73     0.0

  12  7 11 76    999.0  261.8   11.99     0.0

  13  7 11 76    999.0  271.9   12.49     0.0

  14  7 11 76    999.0  255.6   12.28     0.0

  15  7 11 76    999.0  269.3   12.19     0.0

  16  7 11 76    999.0  230.2   12.48     0.0

  17  7 11 76    999.0  237.5   10.51     0.0

  18  7 11 76    999.0  248.9    8.47     0.0

  19  7 11 76    999.0  229.0    9.10     0.0

  20  7 11 76    999.0  255.6    8.55     0.0

  21  7 11 76    999.0  253.3    9.39     0.0

  22  7 11 76    999.0  245.3    8.85     0.0

  23  7 11 76    999.0  252.3    8.27     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++   +-----------------------------------+

 0  8 11 76   999.0   253.9     8.00     0.0

 1  8 11 76   999.0   247.8     7.28     0.0

 2  8 11 76   999.0   264.4     6.74     0.0

 3  8 11 76   999.0   246.8     6.60     0.0

 4  8 11 76   999.0   255.9     6.48     0.0

 5  8 11 76   999.0   254.0     7.20     0.0

 6  8 11 76   999.0   244.3     7.06     0.0

 7  8 11 76   999.0   240.8     7.34     0.0

 8  8 11 76   999.0   166.7     7.28     0.0

 9  8 11 76   999.0   228.0     9.30     0.0

10  8 11 76   999.0   271.7    10.99     0.0

11  8 11 76   999.0   270.7    11.34     0.0

12  8 11 76   999.0   277.1    12.24     0.0

13  8 11 76   999.0   283.7    12.49     0.0

14  8 11 76   999.0   284.6    12.36     0.0

15  8 11 76   999.0   283.5    12.60     0.0

16  8 11 76   999.0   286.5    11.95     0.0

17  8 11 76   999.0   272.8    11.05     0.0

18  8 11 76   999.0   255.1     9.44     0.0

19  8 11 76   999.0   257.5     8.68     0.0

20  8 11 76   999.0   258.1     8.16     0.0

21  8 11 76   999.0   261.7     8.41     0.0

22  8 11 76   999.0   262.3     8.41     0.0

23  8 11 76   999.0   264.3     7.75     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +----------------------------------+

 0  9 11 76     999.0   260.4    7.56     0.0

 1  9 11 76     999.0   257.3    6.64     0.0

 2  9 11 76     999.0   257.9    6.60     0.0

 3  9 11 76     999.0   276.3    6.01     0.0

 4  9 11 76     999.0   256.0    5.61     0.0

 5  9 11 76     999.0   102.9    4.12     0.0

 6  9 11 76     999.0   250.0    4.53     0.0

 7  9 11 76     999.0   257.5    5.34     0.0

 8  9 11 76     999.0   250.4    6.84     0.0

 9  9 11 76     999.0   133.0    9.17     0.0

10  9 11 76     999.0   115.1    9.49     0.0

11  9 11 76     999.0   115.2   10.60     0.0

12  9 11 76     999.0   111.2   11.22     0.0

13  9 11 76     999.0    32.8   12.10     0.0

14  9 11 76     999.0   330.8   12.90     0.0

15  9 11 76     999.0   264.2   13.12     0.0

16  9 11 76     999.0   270.2   11.63     0.0

17  9 11 76     999.0   306.5    9.51     0.0

18  9 11 76     999.0   999.0  999.00   999.00

19  9 11 76     999.0   183.4    8.48     0.0

20  9 11 76     999.0   257.8    7.53     0.0

21  9 11 76     999.0   275.2    7.55     0.0

22  9 11 76     999.0   266.6    5.96     0.0

23  9 11 76     999.0   249.4    7.50     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL  DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +----------------------------------+

 0 10 11 76     999.0   246.6    7.67      0.0

 1 10 11 76     999.0   245.1    6.49      0.0

 2 10 11 76     999.0   257.4    5.72      0.0

 3 10 11 76     999.0   254.1    6.82      0.0

 4 10 11 76     999.0   259.2    6.77      0.0

 5 10 11 76     999.0   254.1    5.71      0.0

 6 10 11 76     999.0   257.8    5.80      0.0

 7 10 11 76     999.0   261.3    6.42      0.0

 8 10 11 76     999.0   253.2    6.89      0.0

 9 10 11 76     999.0   255.8    9.13      0.0

10 10 11 76     999.0   257.4    9.31      0.0

11 10 11 76     999.0   264.2    9.45      0.0

12 10 11 76     999.0   282.4    9.36      0.0

13 10 11 76     999.0   298.2    8.79      0.0

14 10 11 76     999.0   297.7    8.29      0.0

15 10 11 76     999.0   287.5    8.07      0.0

16 10 11 76     999.0   285.0    7.72      0.0

17 10 11 76     999.0   263.3    7.08      0.0

18 10 11 76     999.0   243.9    7.20      0.0

19 10 11 76     999.0   275.5    5.42      0.0

20 10 11 76     999.0   348.8    4.77      0.0

21 10 11 76     999.0   280.6    3.68      0.0

22 10 11 76     999.0   294.0    3.35      0.0

23 10 11 76     999.0   268.6    3.37      0.0
```

```
RIO BLANCC OIL SHALE PROJECT  SITE  TWO

                 METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++     +----------------------------------+

 0 11 11 76     999.0   353.1     2.94      0.0

 1 11 11 76     999.0    31.6    -0.31      0.0

 2 11 11 76     999.0   296.0    -1.29      0.0

 3 11 11 76     999.0   268.7    -1.13      0.0

 4 11 11 76     999.0    71.4    -1.65      0.0

 5 11 11 76     999.0    11.9    -2.30      0.0

 6 11 11 76     999.0   251.2    -3.33      0.0

 7 11 11 76     999.0   267.8    -1.89      0.0

 8 11 11 76     999.0   261.0    -0.25      0.0

 9 11 11 76     999.0   107.8     2.65      0.0

10 11 11 76     999.0    71.4     2.74      0.0

11 11 11 76     999.0    86.0     3.27      0.0

12 11 11 76     999.0    35.0     3.69      0.0

13 11 11 76     999.0    55.0     4.83      0.0

14 11 11 76     999.0    68.4     5.61      0.0

15 11 11 76     999.0    41.7     5.48      0.0

16 11 11 76     999.0    41.1     4.49      0.0

17 11 11 76     999.0    35.3     2.47      0.0

18 11 11 76     999.0   333.8     1.33      0.0

19 11 11 76     999.0   299.5     0.05      0.0

20 11 11 76     999.0   298.9    -0.69      0.0

21 11 11 76     999.0   301.3    -1.10      0.0

22 11 11 76     999.0   278.7    -1.74      0.0

23 11 11 76     999.0   281.2    -2.29      0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR       WS10   WDR10     AT10     PREC
++ ++ ++ ++     +-----------------------------------+

 0 12 11 76      999.0   327.0    -3.28      0.0

 1 12 11 76      999.0   346.0    -3.83      0.0

 2 12 11 76      999.0   344.2    -4.43      0.0

 3 12 11 76      999.0   323.4    -5.65      0.0

 4 12 11 76      999.0   334.1    -6.84      0.0

 5 12 11 76      999.0   352.4    -7.82      0.0

 6 12 11 76      999.0   348.7    -9.09      0.0

 7 12 11 76      999.0   305.6    -9.74      0.0

 8 12 11 76      999.0   333.2    -9.61      0.0

 9 12 11 76      999.0    29.6    -7.92      0.0

10 12 11 76      999.0    31.0    -6.88      0.0

11 12 11 76      999.0    21.8    -4.84      0.0

12 12 11 76      999.0    79.3    -3.93      0.0

13 12 11 76      999.0    70.6    -2.80      0.0

14 12 11 76      999.0    21.1    -2.08      0.0

15 12 11 76      999.0    67.0    -2.34      0.0

16 12 11 76        4.2    71.1    -2.17      0.0

17 12 11 76        3.3    42.6    -2.99      0.0

18 12 11 76        3.6    45.7    -3.20      0.0

19 12 11 76        2.6   285.3    -4.03      0.0

20 12 11 76        3.7   285.5    -4.28      0.0

21 12 11 76        2.9   285.3    -4.21      0.0

22 12 11 76        3.3   287.3    -4.42      0.0

23 12 11 76        3.4   286.5    -4.81      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 13 11 76       2.4   286.6    -5.13      0.0

 1 13 11 76       1.2   254.8    -5.08      0.0

 2 13 11 76       1.6   282.4    -5.07      0.0

 3 13 11 76       2.9   146.4    -4.83      0.0

 4 13 11 76       2.4   159.8    -4.82      0.0

 5 13 11 76       2.9   186.5    -3.95      0.0

 6 13 11 76       8.1   221.9    -2.12      0.0

 7 13 11 76       4.6   126.0    -2.85      0.0

 8 13 11 76       2.4   212.2    -1.65      0.0

 9 13 11 76      14.3   242.8    -0.48      0.0

10 13 11 76      16.9   262.0    -0.31      0.0

11 13 11 76      14.2   252.5     0.38      0.0

12 13 11 76      10.8   258.2    -1.07      0.0

13 13 11 76      11.5   228.2    -0.22      0.0

14 13 11 76      13.3   242.9     0.50      0.0

15 13 11 76      10.9   224.4     1.55      0.0

16 13 11 76       5.7   210.7     1.31      0.0

17 13 11 76       3.2   171.0    -0.25      0.0

18 13 11 76       7.5   221.1    -1.08      0.0

19 13 11 76      14.7   228.1    -0.91      0.0

20 13 11 76      14.9   234.5    -0.88      0.0

21 13 11 76      16.2   226.8    -0.81      0.0

22 13 11 76      16.1   219.1    -0.95      0.0

23 13 11 76      15.2   224.5    -1.07      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 14 11 76     15.6  226.7   -1.00     0.0

 1 14 11 76     13.8  228.1   -1.13     0.0

 2 14 11 76     17.0  225.8   -1.31     0.0

 3 14 11 76     13.9  217.9   -1.43     0.0

 4 14 11 76     13.2  232.2   -1.76     0.0

 5 14 11 76     13.2  241.7   -1.37     0.0

 6 14 11 76     14.7  242.4   -1.42     0.0

 7 14 11 76     15.8  240.3   -1.40     0.0

 8 14 11 76     18.4  235.4   -0.86     0.0

 9 14 11 76     15.3  234.7    0.23     0.0

10 14 11 76     11.6  254.5    0.80     0.0

11 14 11 76     11.9  256.2    1.61     0.0

12 14 11 76     14.5  246.5    2.16     0.0

13 14 11 76     13.8  268.1    2.00     0.0

14 14 11 76     13.3  281.2    2.42     0.02

15 14 11 76      9.7  245.2    2.01     0.0

16 14 11 76     10.7  290.4    2.44     0.0

17 14 11 76      9.7  244.0    1.00     0.0

18 14 11 76      4.9  257.9    0.77     0.0

19 14 11 76      8.9  261.2   -0.04     0.0

20 14 11 76     11.1  260.3   -0.36     0.0

21 14 11 76      8.8  266.8   -0.69     0.0

22 14 11 76      7.5  288.7   -1.06     0.0

23 14 11 76      5.4  293.1   -1.21     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

            METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 15 11 76       2.4  344.3   -1.43      0.0

 1 15 11 76       3.4  283.9   -2.20      0.0

 2 15 11 76       3.8  276.6   -3.10      0.0

 3 15 11 76       3.6  258.2   -3.02      0.0

 4 15 11 76       5.1  274.8   -3.32      0.0

 5 15 11 76       5.6  284.0   -4.18      0.0

 6 15 11 76       3.7  342.3   -4.07      0.0

 7 15 11 76       2.2  359.6   -4.42      0.0

 8 15 11 76       3.1  289.8   -4.25      0.0

 9 15 11 76       3.3  143.8   -2.14      0.0

10 15 11 76       4.6  113.5   -1.86      0.0

11 15 11 76       5.7   96.6   -0.48      0.0

12 15 11 76       2.3  326.3    1.04      0.0

13 15 11 76       5.1   91.1    1.72      0.0

14 15 11 76       8.7  233.6    2.65      0.0

15 15 11 76      10.4  288.0    2.82      0.0

16 15 11 76      11.0  272.7    2.32      0.0

17 15 11 76       7.1  234.2    0.75      0.0

18 15 11 76       9.1  267.9    0.04      0.0

19 15 11 76       6.3  251.7    0.56      0.0

20 15 11 76       5.9  245.0    0.34      0.0

21 15 11 76       5.1  278.6   -0.38      0.0

22 15 11 76       7.4  254.6    0.34      0.0

23 15 11 76       8.0  286.3    0.01      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	16	11	76	13.9	303.8	0.59	0.0
1	16	11	76	17.0	304.8	0.58	0.0
2	16	11	76	8.8	325.0	0.29	0.0
3	16	11	76	8.5	322.0	-0.10	0.0
4	16	11	76	4.0	337.9	-0.56	0.0
5	16	11	76	3.4	50.1	-1.01	0.0
6	16	11	76	2.5	278.3	-1.63	0.0
7	16	11	76	3.5	64.7	-2.02	0.0
8	16	11	76	4.8	65.9	-2.01	0.0
9	16	11	76	5.6	30.2	-1.05	0.0
10	16	11	76	7.0	33.9	0.12	0.0
11	16	11	76	7.9	52.9	1.61	0.0
12	16	11	76	6.9	76.3	2.16	0.0
13	16	11	76	9.2	35.1	2.99	0.0
14	16	11	76	7.1	73.0	3.28	0.0
15	16	11	76	3.8	143.6	4.12	0.0
16	16	11	76	4.3	79.9	4.11	0.0
17	16	11	76	2.0	173.2	2.36	0.0
18	16	11	76	4.1	238.6	1.93	0.0
19	16	11	76	3.9	226.9	2.21	0.0
20	16	11	76	3.0	222.8	1.94	0.0
21	16	11	76	2.7	219.5	2.19	0.0
22	16	11	76	1.4	124.9	0.93	0.0
23	16	11	76	3.7	275.6	1.34	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +----------------------------------+

 0 17 11 76       3.2  228.4     2.54     0.0

 1 17 11 76       1.9  269.0     1.88     0.0

 2 17 11 76       2.0   33.0     1.44     0.0

 3 17 11 76       2.9  295.8     1.43     0.0

 4 17 11 76       2.2  172.5     0.99     0.0

 5 17 11 76       1.1  318.6     0.64     0.0

 6 17 11 76       2.6   83.7     0.45     0.0

 7 17 11 76       2.2  104.4    -0.54     0.0

 8 17 11 76       2.5  105.1     0.46     0.0

 9 17 11 76       3.3  121.5     2.96     0.0

10 17 11 76       3.4   93.9     5.77     0.0

11 17 11 76       6.2  107.0     6.55     0.0

12 17 11 76       5.6  108.1     7.79     0.0

13 17 11 76       4.0  129.7     9.60     0.0

14 17 11 76       3.6  242.9    10.62     0.0

15 17 11 76       3.3  204.3    11.81     0.0

16 17 11 76       3.7  317.8    11.24     0.0

17 17 11 76       5.7   51.1     8.83     0.0

18 17 11 76       2.6  212.0     7.06     0.0

19 17 11 76       2.7  252.6     7.26     0.0

20 17 11 76       2.1  302.6     6.93     0.0

21 17 11 76       3.3  303.8     6.51     0.0

22 17 11 76       3.5  207.2     6.52     0.0

23 17 11 76       3.8  306.9     5.11     0.0
```

```
                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 18 11 76      6.7   241.0     5.67     0.0

 1 18 11 76      2.8   225.5     4.78     0.0

 2 18 11 76      5.9   273.6     4.86     0.0

 3 18 11 76      4.4   247.2     5.19     0.0

 4 18 11 76      4.9   142.4     4.85     0.0

 5 18 11 76      5.9     2.0     2.01     0.0

 6 18 11 76      5.3   303.0     2.51     0.0

 7 18 11 76      4.8   167.8     1.92     0.0

 8 18 11 76      6.0   200.5     3.89     0.0

 9 18 11 76      3.7    36.7     7.34     0.0

10 18 11 76      3.1   145.1     9.19     0.0

11 18 11 76      4.4    72.3     9.55     0.0

12 18 11 76      6.4    66.2    10.12     0.0

13 18 11 76      6.1    74.1    10.40     0.0

14 18 11 76      5.2    95.4    10.82     0.0

15 18 11 76      4.3    81.2    10.91     0.0

16 18 11 76      3.5    69.5    10.95     0.0

17 18 11 76      1.4   100.1     8.29     0.0

18 18 11 76      5.0   253.9     8.03     0.0

19 18 11 76      5.6   257.1     6.99     0.0

20 18 11 76      4.3   256.3     7.17     0.0

21 18 11 76      5.0   270.2     6.15     0.0

22 18 11 76      6.4   255.9     6.50     0.0

23 18 11 76      5.4   265.3     5.41     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 19 11 76       4.6  276.1     4.95     0.0

 1 19 11 76       2.8  268.1     4.45     0.0

 2 19 11 76       4.9  169.3     2.83     0.0

 3 19 11 76       2.8  232.3     2.95     0.0

 4 19 11 76       2.6  161.9     3.99     0.0

 5 19 11 76       2.7  326.6     2.97     0.0

 6 19 11 76       4.5  279.8     2.71     0.0

 7 19 11 76       5.1  271.1     1.84     0.0

 8 19 11 76       4.0  267.2     2.81     0.0

 9 19 11 76       4.1  169.1     4.62     0.0

10 19 11 76       4.9  155.3     6.86     0.0

11 19 11 76      10.9  256.1     7.94     0.0

12 19 11 76      12.1  258.2     8.13     0.0

13 19 11 76      10.1  268.3     8.40     0.0

14 19 11 76      10.8  276.4     8.66     0.0

15 19 11 76      11.9  265.3     8.54     0.0

16 19 11 76      11.4  266.7     8.41     0.0

17 19 11 76       8.9  282.4     6.66     0.0

18 19 11 76       5.7  278.7     5.75     0.0

19 19 11 76       6.9  268.8     4.53     0.0

20 19 11 76       7.8  255.9     4.97     0.0

21 19 11 76       6.2  301.6     4.62     0.0

22 19 11 76       4.6  267.7     5.02     0.0

23 19 11 76       3.2  265.5     4.51     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	20	11	76	3.1	325.8	3.42	0.0
1	20	11	76	3.6	279.7	2.76	0.0
2	20	11	76	3.8	289.5	2.20	0.0
3	20	11	76	3.7	281.4	1.61	0.0
4	20	11	76	5.8	254.8	2.24	0.0
5	20	11	76	2.1	259.9	0.97	0.0
6	20	11	76	4.1	231.7	2.16	0.0
7	20	11	76	3.9	180.8	2.20	0.0
8	20	11	76	8.3	252.5	1.94	0.0
9	20	11	76	7.7	252.2	4.51	0.0
10	20	11	76	9.8	259.5	5.99	0.0
11	20	11	76	11.1	267.8	6.25	0.0
12	20	11	76	8.5	255.8	7.33	0.0
13	20	11	76	8.0	288.9	8.16	0.0
14	20	11	76	8.1	267.5	7.19	0.0
15	20	11	76	7.1	280.9	7.35	0.0
16	20	11	76	6.3	293.8	7.39	0.0
17	20	11	76	3.0	288.6	5.93	0.0
18	20	11	76	999.0	999.0	999.00	0.0
19	20	11	76	5.1	265.4	4.29	0.0
20	20	11	76	5.5	269.7	4.24	0.0
21	20	11	76	4.9	270.5	3.33	0.0
22	20	11	76	9.8	250.4	3.23	0.0
23	20	11	76	7.0	15.7	0.88	0.0

RIO BLANCO OIL SHALE PROJECT SITE TWO

```
              METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10    PREC
++ ++ ++ ++    +-----------------------------+

 0 21 11 76      3.0   303.3    -0.88    0.0

 1 21 11 76      4.0   291.2    -1.45    0.0

 2 21 11 76      1.3   290.9    -1.57    0.0

 3 21 11 76      3.6   161.9    -2.42    0.0

 4 21 11 76      4.1   256.0    -2.35    0.0

 5 21 11 76      2.1   317.0    -0.95    0.0

 6 21 11 76      1.4    78.6    -3.38    0.0

 7 21 11 76      2.1   234.7    -2.33    0.0

 8 21 11 76      2.0   260.9     0.60    0.0

 9 21 11 76      2.5   116.9     3.13    0.0

10 21 11 76      5.5    98.1     2.79    0.0

11 21 11 76      4.1   106.1     4.83    0.0

12 21 11 76      5.3    87.7     6.21    0.0

13 21 11 76      5.4    66.1     7.29    0.0

14 21 11 76      5.0    68.3     7.43    0.0

15 21 11 76      4.9    84.6     7.47    0.0

16 21 11 76      4.4    66.4     7.07    0.0

17 21 11 76      4.8    67.7     5.04    0.0

18 21 11 76      3.1   268.5     3.60    0.0

19 21 11 76      3.8   225.6     4.18    0.0

20 21 11 76      2.9   267.2     3.15    0.0

21 21 11 76      4.1   241.7     3.99    0.0

22 21 11 76      4.5   271.5     2.91    0.0

23 21 11 76      2.8   323.3     2.56    0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  TWO

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 22 11 76      3.7   294.2    2.01     0.0

 1 22 11 76      2.1   283.2    1.95     0.0

 2 22 11 76      3.6   207.5    2.14     0.0

 3 22 11 76      3.8   265.9    2.34     0.0

 4 22 11 76      5.6   232.9    3.76     0.0

 5 22 11 76      4.5   276.1    2.35     0.0

 6 22 11 76      7.6   250.9    2.73     0.0

 7 22 11 76      9.0   254.8    2.45     0.0

 8 22 11 76     10.8   255.9    3.25     0.0

 9 22 11 76      8.4   260.7    4.52     0.0

10 22 11 76      5.0    60.5    4.09     0.0

11 22 11 76      3.6    86.1    6.02     0.0

12 22 11 76      8.8   253.7    7.77     0.0

13 22 11 76     16.2   269.0    6.92     0.0

14 22 11 76     12.8   265.0    7.59     0.0

15 22 11 76     12.2   274.9    8.00     0.0

16 22 11 76     11.1   278.7    7.41     0.0

17 22 11 76     10.8   264.4    5.22     0.0

18 22 11 76      7.6   266.4    3.19     0.0

19 22 11 76     10.1   260.1    3.83     0.0

20 22 11 76      7.0   255.8    2.98     0.0

21 22 11 76      7.1   257.9    3.47     0.0

22 22 11 76      7.2   286.6    2.69     0.0

23 22 11 76      3.5   313.0    1.81     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 23 11 76      3.4  281.6     1.42     0.0

 1 23 11 76      5.2   37.2     1.11     0.0

 2 23 11 76      0.7  230.5    -2.84     0.0

 3 23 11 76      3.1  281.8    -0.19     0.0

 4 23 11 76      4.7  260.2    -0.07     0.0

 5 23 11 76      4.1  266.3    -0.25     0.0

 6 23 11 76      4.5  250.7    -0.33     0.0

 7 23 11 76      2.9  258.0    -0.61     0.0

 8 23 11 76      2.3  252.7    -0.05     0.0

 9 23 11 76      4.9  195.1     1.85     0.0

10 23 11 76      4.9  141.5     3.68     0.0

11 23 11 76      6.1  124.8     5.15     0.0

12 23 11 76      5.7   32.5     6.18     0.0

13 23 11 76      6.1  316.0     7.90     0.0

14 23 11 76      7.6  272.9     7.72     0.0

15 23 11 76      8.3  249.8     7.94     0.0

16 23 11 76      8.6  261.1     8.20     0.0

17 23 11 76      3.9  151.5     5.50     0.0

18 23 11 76      9.1  252.0     5.06     0.0

19 23 11 76      3.2  146.8     3.61     0.0

20 23 11 76      4.4  249.6     2.77     0.0

21 23 11 76      4.3  280.3     2.46     0.0

22 23 11 76      2.8  264.6     3.32     0.0

23 23 11 76      2.1  261.1     2.59     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 24 11 76       4.2  261.9    3.31      0.0

 1 24 11 76       6.6  266.3    2.77      0.0

 2 24 11 76       3.7  276.0    2.61      0.0

 3 24 11 76       2.4  227.6    2.15      0.0

 4 24 11 76       3.9  284.0    1.46      0.0

 5 24 11 76       9.0  232.9    2.75      0.0

 6 24 11 76       5.6  244.4    2.38      0.0

 7 24 11 76       3.4  220.5    2.50      0.0

 8 24 11 76       3.1  182.8    2.99      0.0

 9 24 11 76       4.1  253.4    4.38      0.0

10 24 11 76       7.7  238.9    5.67      0.0

11 24 11 76       7.3  230.2    6.64      0.0

12 24 11 76       8.6  255.9    7.38      0.0

13 24 11 76      10.8  261.8    8.33      0.0

14 24 11 76      11.4  264.6    8.77      0.0

15 24 11 76       8.9  257.1    8.84      0.0

16 24 11 76       7.3  237.7    9.38      0.0

17 24 11 76       8.1  202.8    6.05      0.0

18 24 11 76       8.2  259.8    3.50      0.0

19 24 11 76       7.4  221.2    4.20      0.0

20 24 11 76       3.1  153.1    3.78      0.0

21 24 11 76       6.7  249.6    3.42      0.0

22 24 11 76       4.4  184.9    3.08      0.0

23 24 11 76       2.9   96.6    2.92      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 25 11 76       3.4  235.3    2.31     0.0

 1 25 11 76       6.1  216.2    2.19     0.0

 2 25 11 76       9.4  271.4    2.01     0.0

 3 25 11 76      10.6  214.7    2.36     0.0

 4 25 11 76       9.9  212.0    2.65     0.0

 5 25 11 76       7.2  181.4    1.56     0.0

 6 25 11 76       5.6  150.5    1.04     0.0

 7 25 11 76       2.9  171.9    1.09     0.0

 8 25 11 76       6.6  297.1    1.48     0.0

 9 25 11 76       2.2  265.7    1.69     0.0

10 25 11 76       5.6  275.7    3.94     0.0

11 25 11 76      16.1  272.3    4.91     0.0

12 25 11 76      24.1  279.7    5.35     0.0

13 25 11 76      23.7  282.2    6.17     0.0

14 25 11 76      26.5  278.5    6.23     0.0

15 25 11 76      19.3  269.0    6.34     0.0

16 25 11 76      13.7  247.9    5.51     0.0

17 25 11 76      13.6  248.3    3.35     0.0

18 25 11 76      18.9  261.5    2.77     0.0

19 25 11 76      18.0  266.3    3.20     0.0

20 25 11 76      11.3  259.6    2.55     0.0

21 25 11 76      10.2  265.7    2.57     0.0

22 25 11 76       9.9  280.8    1.98     0.0

23 25 11 76      17.0  279.9    1.73     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	11	76	15.1	311.3	0.63	0.0
1	26	11	76	7.2	313.2	-2.95	0.0
2	26	11	76	12.2	272.0	-3.49	0.0
3	26	11	76	20.5	276.6	-3.93	0.0
4	26	11	76	19.4	290.1	-4.79	0.0
5	26	11	76	16.1	309.7	-6.99	0.0
6	26	11	76	10.4	360.0	-9.75	0.0
7	26	11	76	13.5	12.0	-11.00	0.0
8	26	11	76	9.2	19.1	-12.10	0.0
9	26	11	76	8.0	3.1	-11.60	0.0
10	26	11	76	12.8	18.1	-11.90	0.0
11	26	11	76	7.4	16.5	-11.50	0.0
12	26	11	76	10.0	16.0	-10.90	0.0
13	26	11	76	10.6	13.8	-10.70	0.0
14	26	11	76	12.2	9.4	-10.50	0.0
15	26	11	76	13.3	9.1	-10.60	0.0
16	26	11	76	12.3	12.6	-11.10	0.0
17	26	11	76	12.8	11.9	-12.50	0.0
18	26	11	76	12.4	25.4	-13.50	0.0
19	26	11	76	11.0	14.6	-14.40	0.0
20	26	11	76	7.5	2.4	-15.30	0.0
21	26	11	76	7.1	350.2	-16.30	0.0
22	26	11	76	9.6	353.6	-16.80	0.0
23	26	11	76	7.5	340.4	-17.80	0.0

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	11	76	5.9	348.8	-18.70	0.0
1	27	11	76	8.8	348.2	-19.20	0.0
2	27	11	76	9.6	2.0	-19.60	0.0
3	27	11	76	10.4	350.4	-19.90	0.0
4	27	11	76	5.8	357.9	-20.50	0.0
5	27	11	76	6.7	338.1	-21.00	0.0
6	27	11	76	6.0	324.2	-21.60	0.0
7	27	11	76	4.6	312.2	-22.20	0.0
8	27	11	76	6.9	356.5	-21.90	0.0
9	27	11	76	8.8	359.9	-20.40	0.0
10	27	11	76	8.6	20.5	-19.40	0.0
11	27	11	76	9.5	33.1	-17.40	0.0
12	27	11	76	9.7	39.6	-16.60	0.0
13	27	11	76	10.1	29.6	-16.20	0.0
14	27	11	76	9.8	17.5	-15.80	0.0
15	27	11	76	9.8	13.0	-15.50	0.0
16	27	11	76	10.0	11.9	-16.20	0.0
17	27	11	76	6.0	22.0	-17.60	0.0
18	27	11	76	3.5	320.3	-18.50	0.0
19	27	11	76	4.1	312.9	-18.70	0.0
20	27	11	76	3.7	294.9	-19.00	0.0
21	27	11	76	4.0	306.2	-19.20	0.0
22	27	11	76	3.6	279.4	-19.20	0.0
23	27	11	76	3.6	270.1	-19.50	0.0

RIO BLANCO OIL SHALE PROJECT SITE TWO

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	28	11	76	3.0	244.4	-19.10	0.0
1	28	11	76	3.3	241.9	-18.90	0.0
2	28	11	76	3.9	187.1	-18.60	0.0
3	28	11	76	4.3	252.8	-18.80	0.0
4	28	11	76	4.4	263.1	-18.90	0.0
5	28	11	76	2.6	252.5	-18.70	0.0
6	28	11	76	2.6	177.8	-18.90	0.0
7	28	11	76	1.6	213.9	-19.70	0.0
8	28	11	76	1.8	160.6	-17.30	0.0
9	28	11	76	5.6	133.2	-15.70	0.0
10	28	11	76	6.4	110.5	-14.70	0.0
11	28	11	76	6.6	105.5	-13.20	0.0
12	28	11	76	5.5	110.9	-11.30	0.0
13	28	11	76	3.2	18.8	-10.30	0.0
14	28	11	76	9.5	280.5	-9.59	0.0
15	28	11	76	10.7	269.3	-9.58	0.0
16	28	11	76	8.3	264.4	-9.84	0.0
17	28	11	76	7.0	248.8	-10.10	0.0
18	28	11	76	3.4	167.0	-10.50	0.0
19	28	11	76	2.9	206.9	-9.82	0.0
20	28	11	76	2.5	239.5	-10.30	0.0
21	28	11	76	4.3	183.4	-10.50	0.0
22	28	11	76	6.6	223.3	-9.77	0.0
23	28	11	76	5.8	250.8	-8.97	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE  TWO

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10      PREC
++ ++ ++ ++    +-----------------------------------+

 0 29 11 76      4.3     3.2   -9.50      0.0

 1 29 11 76      3.7     8.9  -12.40      0.0

 2 29 11 76      2.2   165.6  -11.70      0.0

 3 29 11 76      3.1   298.7  -11.30      0.0

 4 29 11 76      2.4   192.4  -10.10      0.0

 5 29 11 76      2.8   283.2   -9.68      0.0

 6 29 11 76      4.6   269.2   -9.51      0.0

 7 29 11 76      1.9   218.4   -9.78      0.0

 8 29 11 76      2.4   195.4   -9.57      0.0

 9 29 11 76      2.9   126.9   -7.86      0.0

10 29 11 76      3.7   105.5   -5.69      0.0

11 29 11 76      6.5   319.6   -4.84      0.0

12 29 11 76     11.5   290.1   -4.02      0.0

13 29 11 76      8.4   316.4   -2.93      0.0

14 29 11 76      9.1   291.9   -2.31      0.0

15 29 11 76     10.2   331.8   -1.70      0.0

16 29 11 76      5.5   328.4   -1.31      0.0

17 29 11 76      7.4   296.3   -2.22      0.0

18 29 11 76      8.3   269.2   -3.29      0.0

19 29 11 76      9.0   257.4   -4.36      0.0

20 29 11 76      8.3   252.4   -3.92      0.0

21 29 11 76     10.5   240.4   -3.60      0.0

22 29 11 76      8.9   256.1   -4.23      0.0

23 29 11 76     10.4   253.3   -4.04      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  TWO

               METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 30 11 76       3.5   145.8   -4.77      0.0

 1 30 11 76       6.2   222.0   -4.35      0.0

 2 30 11 76       4.4   280.8   -4.88      0.0

 3 30 11 76       2.3   165.9   -4.28      0.0

 4 30 11 76       2.4   343.6   -5.30      0.0

 5 30 11 76       4.1    96.7   -5.28      0.0

 6 30 11 76       4.2   174.9   -6.39      0.0

 7 30 11 76       1.9   233.4   -6.64      0.0

 8 30 11 76       4.5   289.0   -4.45      0.0

 9 30 11 76       5.1   207.9   -3.33      0.0

10 30 11 76       6.4   275.9   -2.11      0.0

11 30 11 76      10.5   256.6   -1.65      0.0

12 30 11 76      13.7   249.7   -0.18      0.0

13 30 11 76       9.1   252.2    0.94      0.0

14 30 11 76       8.4   288.2    1.49      0.0

15 30 11 76       8.2   304.6    1.17      0.0

16 30 11 76       6.0   200.5    1.20      0.0

17 30 11 76       5.5   213.1    0.31      0.0

18 30 11 76      13.6   290.8   -0.29      0.0

19 30 11 76     999.0   999.0  999.00   999.00

20 30 11 76     999.0   999.0  999.00   999.00

21 30 11 76     999.0   999.0  999.00   999.00

22 30 11 76     999.0   999.0  999.00   999.00

23 30 11 76     999.0   999.0  999.00   999.00
```

B.1.3

METEOROLOGICAL DATA LISTING FOR SITE 3
1 SEPTEMBER 1976 THROUGH 30 SEPTEMBER 1976

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

RIO BLANCO OIL SHALE PROJECT SITE THREE

```
                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  1  9 76      7.3   286.6    8.39     0.0

 1  1  9 76      7.7   271.2    7.47     0.0

 2  1  9 76      7.8   285.1    6.27     0.0

 3  1  9 76      7.8   282.2    6.30     0.0

 4  1  9 76      6.9   285.0    6.10     0.0

 5  1  9 76      7.7   279.9    5.73     0.0

 6  1  9 76      6.1   283.6    5.15     0.0

 7  1  9 76      4.8   285.7    8.51     0.0

 8  1  9 76      4.6    98.4   14.18     0.0

 9  1  9 76      5.5   108.8   16.11     0.0

10  1  9 76      5.7   101.4   18.06     0.0

11  1  9 76      6.6    77.2   19.65     0.0

12  1  9 76      8.4    64.4   20.79     0.0

13  1  9 76      8.7    58.7   21.89     0.0

14  1  9 76      6.6    66.1   23.12     0.0

15  1  9 76      5.8    67.1   23.87     0.0

16  1  9 76      5.4   114.5   24.40     0.0

17  1  9 76      7.2    90.5   24.03     0.0

18  1  9 76      3.6    33.4   23.75     0.0

19  1  9 76      5.6   275.6   17.13     0.0

20  1  9 76      8.8   288.6   13.57     0.0

21  1  9 76      8.6   292.3   12.74     0.0

22  1  9 76      9.3   285.0   11.75     0.0

23  1  9 76      8.8   293.5   10.86     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

```
                  METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +------------------------------+

 0  2  9 76       9.5  290.7    10.72      0.0

 1  2  9 76       8.6  292.0    10.28      0.0

 2  2  9 76       7.4  291.2     9.69      0.0

 3  2  9 76       4.2  278.4     7.51      0.0

 4  2  9 76       5.2  274.1     4.83      0.0

 5  2  9 76       4.4  273.6     4.37      0.0

 6  2  9 76       4.1  279.5     4.01      0.0

 7  2  9 76       2.2  265.7     9.22      0.0

 8  2  9 76       6.2   87.3    15.22      0.0

 9  2  9 76       7.3   77.6    20.23      0.0

10  2  9 76      13.3  259.4    23.35      0.0

11  2  9 76      11.8  276.1    24.34      0.0

12  2  9 76      11.4  288.1    24.65      0.0

13  2  9 76      10.1  272.9    25.82      0.0

14  2  9 76      10.9  294.5    26.10      0.0

15  2  9 76      10.4  316.0    26.60      0.0

16  2  9 76      10.0  318.0    26.82      0.0

17  2  9 76       8.4  306.3    26.79      0.0

18  2  9 76       4.8  294.7    26.47      0.0

19  2  9 76       8.2  279.7    18.58      0.0

20  2  9 76       6.0  292.0    15.75      0.0

21  2  9 76       6.5  288.3    14.73      0.0

22  2  9 76       6.6  294.9    14.99      0.0

23  2  9 76       2.4  269.6    11.36      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	9	76	3.8	77.6	10.50	0.0
1	3	9	76	4.5	286.9	8.88	0.0
2	3	9	76	7.0	279.7	7.25	0.0
3	3	9	76	7.1	276.9	7.00	0.0
4	3	9	76	6.7	270.7	6.33	0.0
5	3	9	76	5.8	277.2	6.04	0.0
6	3	9	76	6.8	274.9	6.91	0.0
7	3	9	76	3.1	16.6	10.33	0.0
8	3	9	76	3.8	96.9	16.23	0.0
9	3	9	76	5.7	75.9	20.13	0.0
10	3	9	76	4.0	78.3	24.57	0.0
11	3	9	76	5.2	121.1	26.38	0.0
12	3	9	76	7.9	101.0	26.93	0.0
13	3	9	76	7.1	99.9	27.54	0.0
14	3	9	76	7.0	59.8	27.71	0.0
15	3	9	76	7.5	86.4	28.10	0.0
16	3	9	76	6.4	283.7	28.41	0.0
17	3	9	76	5.9	73.1	28.14	0.0
18	3	9	76	5.6	3.5	27.48	0.0
19	3	9	76	8.4	284.6	18.93	0.0
20	3	9	76	7.7	283.2	15.47	0.0
21	3	9	76	9.7	288.1	14.31	0.0
22	3	9	76	8.4	293.3	13.89	0.0
23	3	9	76	9.3	292.4	13.12	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  4  9 76      4.2  112.7    13.12     0.0

 1  4  9 76      8.2  285.3    10.39     0.0

 2  4  9 76      3.5  258.1     9.51     0.0

 3  4  9 76      6.4  280.8     9.20     0.0

 4  4  9 76      8.2  283.0     8.66     0.0

 5  4  9 76      9.1  293.1     9.63     0.0

 6  4  9 76      2.3  266.3     7.34     0.0

 7  4  9 76      1.4  270.3     9.30     0.0

 8  4  9 76      4.6   91.4    15.77     0.0

 9  4  9 76      5.8   88.9    20.14     0.0

10  4  9 76      3.4   80.1    24.50     0.0

11  4  9 76      6.2   93.5    26.20     0.0

12  4  9 76      9.3   84.9    27.52     0.0

13  4  9 76      6.2   68.1    28.13     0.0

14  4  9 76      8.3  327.9    28.57     0.0

15  4  9 76     13.9  279.8    28.55     0.0

16  4  9 76      7.2  312.0    28.79     0.0

17  4  9 76      7.2  280.8    28.40     0.0

18  4  9 76      5.2  327.4    27.94     0.0

19  4  9 76      8.0  276.9    18.83     0.0

20  4  9 76      9.3  285.4    16.92     0.0

21  4  9 76      9.2  295.1    16.04     0.0

22  4  9 76      8.1  283.5    14.11     0.0

23  4  9 76      9.3  287.6    13.28     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  5  9 76      6.6  294.9    12.41     0.0

 1  5  9 76      8.0  292.0    11.86     0.0

 2  5  9 76      5.6  278.2    10.85     0.0

 3  5  9 76      4.9  279.4     7.47     0.0

 4  5  9 76      7.6  280.3     8.10     0.0

 5  5  9 76      8.4  285.7     8.05     0.0

 6  5  9 76      7.8  291.4     8.24     0.0

 7  5  9 76      4.3  279.8    11.72     0.0

 8  5  9 76      4.7   91.4    16.43     0.0

 9  5  9 76      5.3   95.9    20.44     0.0

10  5  9 76      5.1   66.8    23.96     0.0

11  5  9 76      5.3   75.8    27.04     0.0

12  5  9 76      6.4   79.7    27.72     0.0

13  5  9 76      5.1    6.2    27.57     0.0

14  5  9 76      3.8   23.7    28.01     0.0

15  5  9 76      6.3   63.9    28.60     0.0

16  5  9 76      2.6   53.1    28.17     0.0

17  5  9 76      2.9   43.7    27.27     0.0

18  5  9 76      2.9  277.8    23.96     0.0

19  5  9 76      7.2  289.7    20.12     0.0

20  5  9 76      5.6  296.3    19.94     0.0

21  5  9 76      7.1  277.3    18.21     0.0

22  5  9 76      3.7   25.7    18.91     0.0

23  5  9 76      7.6  288.1    16.71     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	9	76	2.4	349.7	15.07	0.0
1	6	9	76	7.2	261.6	19.82	0.0
2	6	9	76	6.6	250.3	19.86	0.0
3	6	9	76	8.1	264.5	18.94	0.0
4	6	9	76	5.6	83.4	17.48	0.0
5	6	9	76	4.7	229.0	17.63	0.0
6	6	9	76	6.7	262.9	17.47	0.0
7	6	9	76	4.9	100.0	17.66	0.0
8	6	9	76	2.3	257.3	18.11	0.0
9	6	9	76	5.4	141.0	18.72	0.0
10	6	9	76	7.8	238.0	20.18	0.0
11	6	9	76	12.9	244.4	18.84	0.0
12	6	9	76	7.9	231.1	17.96	0.0
13	6	9	76	10.3	234.7	19.52	0.0
14	6	9	76	10.5	239.9	19.43	0.0
15	6	9	76	11.3	241.0	20.30	0.0
16	6	9	76	10.7	226.9	20.61	0.0
17	6	9	76	10.3	240.0	19.79	0.0
18	6	9	76	11.5	263.7	17.79	0.0
19	6	9	76	14.2	261.2	13.47	0.0
20	6	9	76	7.5	259.0	11.79	0.10
21	6	9	76	5.5	269.4	11.98	0.0
22	6	9	76	6.2	280.4	11.76	0.0
23	6	9	76	2.1	149.0	11.53	0.0

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	7	9	76	5.1	274.5	12.37	0.0
1	7	9	76	4.3	60.3	11.99	0.0
2	7	9	76	1.8	15.4	11.40	0.0
3	7	9	76	1.6	256.7	10.98	0.0
4	7	9	76	2.4	258.2	10.85	0.0
5	7	9	76	3.2	259.3	10.31	0.0
6	7	9	76	4.4	283.0	10.02	0.0
7	7	9	76	4.8	281.1	10.75	0.0
8	7	9	76	3.5	272.3	13.85	0.0
9	7	9	76	6.7	244.2	14.95	0.0
10	7	9	76	10.0	278.3	14.85	0.0
11	7	9	76	14.9	279.0	16.20	0.0
12	7	9	76	10.6	263.1	17.36	0.0
13	7	9	76	7.1	274.4	16.90	0.0
14	7	9	76	8.8	113.7	16.93	0.0
15	7	9	76	8.7	65.2	17.16	0.0
16	7	9	76	5.4	104.7	16.88	0.0
17	7	9	76	5.2	104.1	17.65	0.0
18	7	9	76	8.7	46.7	15.09	0.0
19	7	9	76	2.3	76.8	12.98	0.0
20	7	9	76	3.1	253.2	11.31	0.0
21	7	9	76	3.9	273.8	9.50	0.0
22	7	9	76	4.5	281.8	9.47	0.0
23	7	9	76	4.8	279.6	9.59	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  8  9 76       4.9  282.2    8.80      0.0

 1  8  9 76       6.5  291.0    7.58      0.0

 2  8  9 76       4.8  281.5    6.01      0.0

 3  8  9 76       6.8  285.9    4.77      0.0

 4  8  9 76       3.5  272.8    4.94      0.0

 5  8  9 76       6.6  292.0    4.00      0.0

 6  8  9 76       6.0  283.2    5.03      0.0

 7  8  9 76       4.9  297.6    6.84      0.0

 8  8  9 76       4.7   63.6   11.14      0.0

 9  8  9 76       6.1  108.6   12.86      0.0

10  8  9 76       5.8  108.2   13.98      0.0

11  8  9 76       6.6   68.8   15.42      0.0

12  8  9 76       6.3   28.0   16.85      0.0

13  8  9 76       8.0   39.2   17.95      0.0

14  8  9 76       7.3   65.8   18.25      0.0

15  8  9 76       8.9  302.7   19.91      0.0

16  8  9 76       8.5  284.3   19.83      0.0

17  8  9 76       9.4   54.1   18.70      0.0

18  8  9 76       8.3   58.3   17.45      0.0

19  8  9 76     999.0  341.0   13.01      0.0

20  8  9 76       7.7  281.8    9.17      0.0

21  8  9 76       7.9  285.2    7.45      0.0

22  8  9 76       7.4  291.1    6.56      0.0

23  8  9 76       8.2  286.1    5.44      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  9  9 76      6.6  286.4     4.44     0.0

 1  9  9 76      7.5  285.3     4.57     0.0

 2  9  9 76      8.1  289.5     3.72     0.0

 3  9  9 76      7.7  292.5     3.67     0.0

 4  9  9 76      7.7  290.6     3.13     0.0

 5  9  9 76      8.2  291.8     3.41     0.0

 6  9  9 76      5.2  270.3     2.69     0.0

 7  9  9 76      2.3  174.7     4.21     0.0

 8  9  9 76      4.9   85.6     9.15     0.0

 9  9  9 76      5.8   97.0    12.31     0.0

10  9  9 76      4.5   51.9    15.46     0.0

11  9  9 76      5.8   62.8    17.62     0.0

12  9  9 76      5.2  346.5    19.69     0.0

13  9  9 76      5.0  129.0    21.45     0.0

14  9  9 76      4.1   40.8    23.30     0.0

15  9  9 76      9.4  329.4    23.19     0.0

16  9  9 76      7.1  311.9    22.64     0.0

17  9  9 76      5.9  348.5    22.04     0.0

18  9  9 76      3.6   49.0    20.89     0.0

19  9  9 76      6.0  287.5    16.11     0.0

20  9  9 76      6.3  287.4    14.56     0.0

21  9  9 76      7.0  286.5    12.56     0.0

22  9  9 76      7.5  289.0    11.55     0.0

23  9  9 76      6.9  292.2    10.26     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++     +------------------------------+

 0 10  9 76       4.6   277.8     9.91      0.0

 1 10  9 76       5.5    87.6     9.21      0.0

 2 10  9 76       2.7    66.3     9.28      0.0

 3 10  9 76       2.7   277.4     8.99      0.0

 4 10  9 76       3.1   282.7     8.05      0.0

 5 10  9 76       2.8   286.6     7.97      0.0

 6 10  9 76       4.5   280.9     7.41      0.0

 7 10  9 76       1.8   237.3    10.24      0.0

 8 10  9 76       2.7    90.5    12.74      0.0

 9 10  9 76       2.6    67.9    16.10      0.0

10 10  9 76       6.2   254.1    17.76      0.0

11 10  9 76       6.1   133.8    19.29      0.0

12 10  9 76       8.0   224.3    19.54      0.0

13 10  9 76       8.3   198.2    19.98      0.0

14 10  9 76       9.6   223.3    20.04      0.0

15 10  9 76      12.0   244.2    20.04      0.0

16 10  9 76       9.7   240.2    19.39      0.0

17 10  9 76      12.5   253.9    20.28      0.0

18 10  9 76       9.8   245.2    18.32      0.0

19 10  9 76       6.0   220.9    16.91      0.0

20 10  9 76       6.6   261.6    15.65      0.0

21 10  9 76       6.3   285.9    14.86      0.0

22 10  9 76       2.1    80.9    13.75      0.0

23 10  9 76       0.9   284.6    13.35      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 11  9 76      2.7  332.4   13.16      0.0

 1 11  9 76      3.6  280.7   11.52      0.0

 2 11  9 76      2.5  274.1   10.99      0.0

 3 11  9 76      5.2  207.0   15.47      0.0

 4 11  9 76      7.4  222.4   15.21      0.0

 5 11  9 76      5.2  282.6   12.40      0.0

 6 11  9 76      4.6  225.9   13.23      0.0

 7 11  9 76      3.5  281.6   13.38      0.0

 8 11  9 76      9.0  254.5   17.29      0.0

 9 11  9 76     15.1  235.8   18.95      0.0

10 11  9 76     15.7  215.6   19.64      0.0

11 11  9 76     16.8  246.1   20.75      0.0

12 11  9 76     17.5  240.4   21.65      0.0

13 11  9 76     17.5  244.1   22.71      0.0

14 11  9 76     12.0  253.9   22.22      0.0

15 11  9 76     10.8  233.2   21.86      0.0

16 11  9 76     19.9  260.1   13.92      0.0

17 11  9 76     10.2  250.9   13.60      0.01

18 11  9 76      4.1  212.3   14.22      0.0

19 11  9 76      3.2  284.2   10.84      0.0

20 11  9 76      5.2  287.1    9.41      0.0

21 11  9 76      6.5  233.1   12.54      0.0

22 11  9 76      8.3  199.9   13.55      0.0

23 11  9 76      6.4  287.1   10.80      0.0
```

RIO BLANCO OIL SHALE PROJECT   SITE THREE

```
                 METEOROLOGICAL DATA
HR DY  MO  YR      WS10   WDR10    AT10      PREC
++ ++  ++  ++    +------------------------------+

 0 12   9  76      11.6   276.0    10.66      0.0
 1 12   9  76       3.5   273.2    10.43      0.01
 2 12   9  76       1.9   278.1     9.84      0.0
 3 12   9  76       5.4   294.4     9.16      0.0
 4 12   9  76       4.9   289.9     7.11      0.0
 5 12   9  76       4.5   276.6     6.34      0.0
 6 12   9  76       3.9   270.3     6.23      0.0
 7 12   9  76       5.9   278.7     7.16      0.0
 8 12   9  76       2.8    77.1    12.96      0.0
 9 12   9  76       7.9   243.4    14.39      0.0
10 12   9  76       9.5   290.8    15.49      0.0
11 12   9  76      10.3   274.4    16.08      0.0
12 12   9  76      14.1   273.9    16.69      0.0
13 12   9  76      11.0   267.6    17.48      0.0
14 12   9  76       7.0   344.6    18.28      0.0
15 12   9  76      10.6    74.8    17.03      0.0
16 12   9  76       6.3   353.8    16.90      0.0
17 12   9  76       4.2    53.8    17.97      0.0
18 12   9  76       2.5    74.0    17.09      0.0
19 12   9  76       5.3   251.2    12.79      0.0
20 12   9  76       8.5   284.1     9.90      0.0
21 12   9  76       7.5   293.7     9.00      0.0
22 12   9  76       6.9   281.5     8.06      0.0
23 12   9  76       7.4   293.0     7.46      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10     AT10     PREC
++ ++ ++ ++     +-----------------------------------+

 0 13  9 76        6.1  279.0     6.15      0.0

 1 13  9 76        6.3  271.7     5.38      0.0

 2 13  9 76        6.3  279.2     4.06      0.0

 3 13  9 76        6.8  289.3     4.58      0.0

 4 13  9 76        7.3  284.8     5.14      0.0

 5 13  9 76        6.4  294.2     5.39      0.0

 6 13  9 76        3.9  268.6     4.71      0.0

 7 13  9 76        2.7  282.4     5.84      0.0

 8 13  9 76        3.1   87.8     8.84      0.0

 9 13  9 76        4.1   91.2    13.79      0.0

10 13  9 76        5.1   77.1    16.72      0.0

11 13  9 76        4.9   41.2    18.62      0.0

12 13  9 76        5.7   51.4    20.79      0.0

13 13  9 76        5.2  294.9    20.71      0.0

14 13  9 76        4.3  298.0    22.06      0.0

15 13  9 76        7.7  324.3    22.63      0.0

16 13  9 76        5.2   56.1    21.76      0.0

17 13  9 76        5.6  316.7    21.50      0.0

18 13  9 76        8.4  304.2    20.19      0.0

19 13  9 76       10.5  274.2    17.18      0.0

20 13  9 76       11.1  256.8    15.67      0.0

21 13  9 76        7.6  256.5    14.68      0.0

22 13  9 76        3.1  113.3    13.79      0.0

23 13  9 76        2.3  271.7    11.55      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10     AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0 14  9 76      4.0  273.3     9.74      0.0

 1 14  9 76      8.6  278.4    13.51      0.0

 2 14  9 76      4.0    5.9    12.19      0.0

 3 14  9 76      3.5  290.7     8.61      0.0

 4 14  9 76      3.5  261.6     8.91      0.0

 5 14  9 76      6.1  285.7     7.86      0.0

 6 14  9 76      6.1  268.8     8.56      0.0

 7 14  9 76      5.0  284.8     9.89      0.0

 8 14  9 76      3.6  289.2    11.15      0.0

 9 14  9 76      3.9  118.4    10.53      0.06

10 14  9 76      4.9  130.6    11.65      0.01

11 14  9 76      5.1  333.1    11.90      0.0

12 14  9 76      5.5  125.1    13.86      0.02

13 14  9 76      5.8  164.2    16.68      0.0

14 14  9 76      5.2  111.5    19.19      0.0

15 14  9 76      5.5  121.9    20.78      0.0

16 14  9 76      5.4  331.6    20.72      0.0

17 14  9 76      6.4  264.4    21.84      0.0

18 14  9 76      4.7   48.8    19.61      0.0

19 14  9 76      5.4  286.7    13.78      0.0

20 14  9 76      7.9  288.5    11.17      0.0

21 14  9 76      7.4  283.2    10.02      0.0

22 14  9 76      9.2  271.7     9.51      0.0

23 14  9 76      7.5  268.7     9.19      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

```
              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++    +-----------------------------------+

 0 15  9 76      7.7   291.3     8.67      0.0

 1 15  9 76      7.4   286.1     8.47      0.0

 2 15  9 76      4.4   280.8     7.02      0.0

 3 15  9 76      4.7   268.7     5.76      0.0

 4 15  9 76      4.1   259.3     6.23      0.0

 5 15  9 76      5.6   285.3     6.37      0.0

 6 15  9 76      5.5   273.5     5.86      0.0

 7 15  9 76      6.5   284.6     7.88      0.0

 8 15  9 76      2.9    84.1    14.31      0.0

 9 15  9 76      6.3    93.0    17.77      0.0

10 15  9 76      7.5   191.4    19.99      0.0

11 15  9 76      9.9   226.2    20.19      0.0

12 15  9 76      6.5   204.0    21.64      0.0

13 15  9 76      6.5   204.0    21.64      0.0

14 15  9 76      5.3   315.9    21.56      0.0

15 15  9 76      6.7    88.3    21.99      0.0

16 15  9 76    999.0   999.0   999.00      0.0

17 15  9 76    999.0   999.0   999.00      0.0

18 15  9 76    999.0   999.0   999.00      0.0

19 15  9 76    999.0   999.0   999.00      0.0

20 15  9 76    999.0   999.0   999.00      0.0

21 15  9 76    999.0   999.0   999.00      0.0

22 15  9 76    999.0   999.0   999.00      0.0

23 15  9 76    999.0   999.0   999.00      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++	+-----------	-----------	-----------	-----------+
0	16	9	76	999.0	999.0	999.00	0.0
1	16	9	76	999.0	999.0	999.00	0.0
2	16	9	76	999.0	999.0	999.00	0.0
3	16	9	76	999.0	999.0	999.00	0.0
4	16	9	76	999.0	999.0	999.00	0.0
5	16	9	76	999.0	999.0	999.00	0.0
6	16	9	76	999.0	999.0	999.00	0.0
7	16	9	76	999.0	999.0	999.00	0.0
8	16	9	76	999.0	999.0	999.00	0.0
9	16	9	76	999.0	999.0	999.00	0.0
10	16	9	76	999.0	999.0	999.00	0.0
11	16	9	76	14.3	259.8	21.10	0.0
12	16	9	76	9.2	212.8	22.51	0.0
13	16	9	76	9.7	192.7	22.65	0.0
14	16	9	76	8.8	186.4	23.07	0.0
15	16	9	76	6.3	167.4	22.92	0.0
16	16	9	76	10.6	233.0	24.09	0.0
17	16	9	76	5.2	215.1	22.66	0.0
18	16	9	76	6.9	224.4	22.68	0.0
19	16	9	76	5.6	283.3	16.07	0.0
20	16	9	76	8.4	293.6	14.09	0.0
21	16	9	76	6.5	274.1	12.73	0.0
22	16	9	76	4.1	279.2	10.09	0.0
23	16	9	76	6.1	276.3	8.75	0.0

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	17	9	76	6.6	271.9	10.39	0.0
1	17	9	76	8.3	288.1	10.71	0.0
2	17	9	76	5.9	285.3	9.63	0.0
3	17	9	76	8.2	268.4	9.34	0.0
4	17	9	76	8.0	282.6	10.00	0.0
5	17	9	76	8.8	276.0	8.92	0.0
6	17	9	76	8.1	281.8	8.26	0.0
7	17	9	76	1.0	168.7	10.67	0.0
8	17	9	76	7.3	188.9	18.51	0.0
9	17	9	76	10.0	194.9	20.05	0.0
10	17	9	76	10.8	204.5	21.63	0.0
11	17	9	76	16.3	221.3	23.01	0.0
12	17	9	76	14.3	219.2	22.92	0.0
13	17	9	76	13.4	242.3	22.88	0.0
14	17	9	76	15.4	240.4	23.17	0.0
15	17	9	76	10.8	224.5	23.45	0.0
16	17	9	76	13.7	235.6	23.68	0.0
17	17	9	76	12.4	245.4	23.16	0.0
18	17	9	76	6.7	226.1	22.18	0.0
19	17	9	76	7.4	286.0	15.56	0.0
20	17	9	76	7.5	281.9	12.95	0.0
21	17	9	76	6.8	267.6	11.96	0.0
22	17	9	76	4.9	294.0	12.42	0.0
23	17	9	76	7.2	287.3	12.28	0.0

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	18	9	76	7.4	295.2	10.56	0.0
1	18	9	76	6.6	281.3	8.57	0.0
2	18	9	76	8.3	293.1	8.87	0.0
3	18	9	76	7.8	289.1	8.40	0.0
4	18	9	76	7.9	292.9	8.35	0.0
5	18	9	76	4.5	273.7	6.70	0.0
6	18	9	76	7.2	284.9	5.25	0.0
7	18	9	76	4.5	275.6	8.10	0.0
8	18	9	76	3.6	101.7	14.72	0.0
9	18	9	76	7.4	96.1	16.49	0.0
10	18	9	76	6.5	85.9	18.94	0.0
11	18	9	76	4.9	97.6	20.37	0.0
12	18	9	76	12.0	243.2	21.11	0.0
13	18	9	76	10.6	230.0	21.74	0.0
14	18	9	76	11.8	233.4	22.22	0.0
15	18	9	76	8.8	278.8	22.18	0.0
16	18	9	76	8.4	231.8	22.24	0.0
17	18	9	76	8.2	215.6	21.63	0.0
18	18	9	76	4.9	216.3	20.36	0.0
19	18	9	76	6.0	294.9	13.33	0.0
20	18	9	76	7.6	283.5	10.49	0.0
21	18	9	76	7.8	285.7	8.52	0.0
22	18	9	76	5.2	273.2	8.35	0.0
23	18	9	76	7.7	286.0	8.00	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY  MO  YR      WS10  WDR10    AT10     PREC
++ ++  ++  ++    +-----------------------------+

 0 19   9  76       7.2  292.2     7.70     0.0

 1 19   9  76       8.0  293.3     7.07     0.0

 2 19   9  76       7.5  294.2     5.98     0.0

 3 19   9  76       7.3  289.5     5.26     0.0

 4 19   9  76       7.2  297.5     4.87     0.0

 5 19   9  76       7.0  295.0     4.14     0.0

 6 19   9  76       6.9  294.0     3.25     0.0

 7 19   9  76       4.8  290.5     5.15     0.0

 8 19   9  76       5.6   55.8    10.54     0.0

 9 19   9  76       6.0  108.7    12.12     0.0

10 19   9  76       5.4  114.6    14.09     0.0

11 19   9  76       7.0  107.2    16.26     0.0

12 19   9  76       6.5   39.1    17.82     0.0

13 19   9  76       6.7   66.7    20.37     0.0

14 19   9  76       7.3  330.6    21.36     0.0

15 19   9  76       5.7  347.4    20.62     0.0

16 19   9  76       7.1   35.8    21.42     0.0

17 19   9  76       5.6   48.4    21.18     0.0

18 19   9  76       3.3    0.1    19.31     0.0

19 19   9  76       8.0  273.0    11.50     0.0

20 19   9  76       3.2   39.2    14.39     0.0

21 19   9  76       8.5  279.9     9.86     0.0

22 19   9  76       6.8  282.2     8.44     0.0

23 19   9  76       5.9  282.9     6.92     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 20  9 76      6.8  274.9     5.65     0.0

 1 20  9 76      6.6  282.4     4.70     0.0

 2 20  9 76      6.1  297.9     3.95     0.0

 3 20  9 76      6.1  283.6     2.88     0.0

 4 20  9 76      6.2  289.1     2.23     0.0

 5 20  9 76      6.7  285.0     1.65     0.0

 6 20  9 76      6.4  289.3     1.44     0.0

 7 20  9 76      4.2  284.1     3.28     0.0

 8 20  9 76      3.0  167.5     9.33     0.0

 9 20  9 76      3.9  121.2    11.07     0.0

10 20  9 76      4.8   87.8    13.24     0.0

11 20  9 76      6.8  110.8    14.89     0.0

12 20  9 76      6.8   72.2    17.28     0.0

13 20  9 76      8.1   87.6    19.77     0.0

14 20  9 76      8.3   75.1    21.35     0.0

15 20  9 76      6.2   46.5    21.09     0.0

16 20  9 76      5.8   16.8    21.62     0.0

17 20  9 76      6.6   49.5    21.63     0.0

18 20  9 76      3.8  354.1    20.26     0.0

19 20  9 76      7.9  287.9    12.42     0.0

20 20  9 76      9.1  282.2    11.20     0.0

21 20  9 76      8.4  288.7     9.71     0.0

22 20  9 76      8.2  288.4     9.19     0.0

23 20  9 76      8.5  285.7     8.02     0.0
```

```
              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +------------------------------+

 0 21  9 76       8.6  292.6     7.93      0.0

 1 21  9 76       8.8  291.4     7.46      0.0

 2 21  9 76       6.6  285.6     6.86      0.0

 3 21  9 76       5.8  291.3     5.00      0.0

 4 21  9 76       5.9  279.6     4.18      0.0

 5 21  9 76       6.6  283.8     4.20      0.0

 6 21  9 76       5.5  282.2     3.40      0.0

 7 21  9 76       5.2  277.4     5.77      0.0

 8 21  9 76       5.2   88.6    10.38      0.0

 9 21  9 76       5.1  106.7    14.22      0.0

10 21  9 76       5.6   76.4    17.54      0.0

11 21  9 76       6.5   82.3    20.47      0.0

12 21  9 76       5.7   77.0    22.43      0.0

13 21  9 76       4.3   74.4    21.84      0.0

14 21  9 76       6.5   92.0    22.30      0.0

15 21  9 76       6.6  183.7    20.86      0.0

16 21  9 76       6.9  226.9    20.38      0.0

17 21  9 76       7.6  230.5    19.85      0.0

18 21  9 76       8.5  241.3    17.81      0.0

19 21  9 76      12.1  237.0    15.65      0.0

20 21  9 76      10.9  250.3    14.69      0.0

21 21  9 76       8.6  244.7    15.79      0.0

22 21  9 76      11.7  266.2    13.74      0.0

23 21  9 76       9.4  270.6    12.42      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 22  9 76     5.5  257.2     9.79     0.03

 1 22  9 76     1.5   22.2     8.98     0.01

 2 22  9 76     1.9  185.9     8.13     0.01

 3 22  9 76     4.1  292.8     7.29     0.0

 4 22  9 76     4.4  277.6     5.60     0.0

 5 22  9 76     4.5  268.4     6.93     0.01

 6 22  9 76     2.7  280.0     7.41     0.01

 7 22  9 76     1.9  261.6     7.48     0.0

 8 22  9 76     2.8   77.1     9.01     0.0

 9 22  9 76     7.0  244.3    10.79     0.0

10 22  9 76     7.9  248.0    11.81     0.0

11 22  9 76     4.9  277.5    13.41     0.0

12 22  9 76    11.2  292.4    15.41     0.0

13 22  9 76    10.5  286.2    16.07     0.0

14 22  9 76     9.6  316.8    17.24     0.0

15 22  9 76     8.8  309.2    17.35     0.0

16 22  9 76     9.5   65.1    15.73     0.0

17 22  9 76     5.8   82.8    14.44     0.0

18 22  9 76     5.4   46.9    13.55     0.01

19 22  9 76     2.4   83.6     9.12     0.0

20 22  9 76     3.8  284.6     7.00     0.0

21 22  9 76     7.5  306.8     8.94     0.06

22 22  9 76     5.0  292.3     8.77     0.09

23 22  9 76     6.1  272.3     7.03     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	23	9	76	7.0	288.0	6.26	0.0
1	23	9	76	4.1	273.6	5.20	0.0
2	23	9	76	5.4	280.6	3.67	0.0
3	23	9	76	6.2	283.8	3.23	0.0
4	23	9	76	5.2	273.5	2.95	0.0
5	23	9	76	4.9	270.5	3.17	0.0
6	23	9	76	3.6	283.2	1.76	0.0
7	23	9	76	3.8	276.4	4.25	0.0
8	23	9	76	1.7	287.9	8.16	0.0
9	23	9	76	3.2	65.9	13.00	0.0
10	23	9	76	4.8	62.9	14.93	0.0
11	23	9	76	7.9	91.8	16.84	0.0
12	23	9	76	7.7	322.8	18.03	0.0
13	23	9	76	12.6	238.7	15.45	0.0
14	23	9	76	8.9	195.2	16.91	0.0
15	23	9	76	8.9	131.2	15.96	0.0
16	23	9	76	7.0	137.1	15.44	0.0
17	23	9	76	4.7	265.5	15.19	0.0
18	23	9	76	6.1	268.0	11.74	0.0
19	23	9	76	5.6	260.1	10.86	0.0
20	23	9	76	3.9	254.5	11.24	0.0
21	23	9	76	2.7	239.4	9.86	0.0
22	23	9	76	4.0	269.8	9.46	0.0
23	23	9	76	5.5	269.9	9.19	0.0

RIO BLANCO OIL SHALE PROJECT SITE THREE

```
               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +----------------------------+

 0 24  9 76      5.7  265.4     9.19     0.0

 1 24  9 76      5.1  274.6     9.42     0.0

 2 24  9 76      3.6  268.8     9.20     0.01

 3 24  9 76      3.4  268.1     9.49     0.0

 4 24  9 76      5.8  276.3     9.65     0.01

 5 24  9 76      4.3  260.0     8.87     0.03

 6 24  9 76      1.5   50.6     8.26     0.02

 7 24  9 76      2.6  277.2     8.27     0.03

 8 24  9 76      2.1   90.5     8.78     0.01

 9 24  9 76      3.3   77.9     9.41     0.03

10 24  9 76      1.5   79.1    10.00     0.01

11 24  9 76      2.9  117.9    11.13     0.0

12 24  9 76      4.1    4.8    11.42     0.01

13 24  9 76      1.6   93.8    11.97     0.01

14 24  9 76      2.2   83.4    13.08     0.0

15 24  9 76      3.3   96.6    13.75     0.0

16 24  9 76      4.3  283.9    12.77     0.0

17 24  9 76      3.3  263.7    11.22     0.0

18 24  9 76      3.9  316.5     9.57     0.02

19 24  9 76      2.7  237.8     8.69     0.02

20 24  9 76      4.6  261.0     8.41     0.0

21 24  9 76      4.2  288.7     8.23     0.0

22 24  9 76      4.9  291.9     7.86     0.0

23 24  9 76      3.6  280.3     6.47     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	25	9	76	2.9	256.4	6.26	0.0
1	25	9	76	4.8	276.5	5.92	0.0
2	25	9	76	4.8	276.3	5.44	0.0
3	25	9	76	3.6	267.0	5.38	0.0
4	25	9	76	4.8	284.0	4.93	0.0
5	25	9	76	5.4	284.7	5.16	0.01
6	25	9	76	3.1	246.0	4.56	0.0
7	25	9	76	4.3	287.1	5.11	0.0
8	25	9	76	2.1	274.8	7.04	0.0
9	25	9	76	3.5	79.1	10.25	0.0
10	25	9	76	5.1	105.7	12.52	0.0
11	25	9	76	4.8	107.9	13.75	0.0
12	25	9	76	6.3	87.0	14.97	0.0
13	25	9	76	5.4	51.3	15.89	0.0
14	25	9	76	6.8	93.8	14.83	0.0
15	25	9	76	8.9	109.9	14.25	0.0
16	25	9	76	5.5	196.2	13.20	0.0
17	25	9	76	7.0	345.4	12.81	0.0
18	25	9	76	7.1	48.9	9.14	0.0
19	25	9	76	4.1	258.5	8.15	0.02
20	25	9	76	3.1	267.6	7.93	0.02
21	25	9	76	5.3	259.7	7.95	0.01
22	25	9	76	2.9	44.6	7.34	0.0
23	25	9	76	2.6	276.5	6.61	0.0

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	9	76	5.5	277.3	6.40	0.0
1	26	9	76	4.4	285.9	6.06	0.0
2	26	9	76	5.3	280.2	5.02	0.0
3	26	9	76	4.6	280.5	5.33	0.0
4	26	9	76	4.7	278.2	5.21	0.0
5	26	9	76	5.3	285.6	4.05	0.0
6	26	9	76	5.2	285.7	4.13	0.0
7	26	9	76	3.5	277.4	4.43	0.0
8	26	9	76	3.3	323.4	6.87	0.0
9	26	9	76	8.4	65.6	7.70	0.0
10	26	9	76	4.9	75.5	9.35	0.0
11	26	9	76	7.1	61.3	11.25	0.0
12	26	9	76	10.1	64.5	13.19	0.0
13	26	9	76	8.7	48.0	14.48	0.0
14	26	9	76	11.3	53.3	14.82	0.0
15	26	9	76	11.1	47.7	15.77	0.0
16	26	9	76	8.8	355.4	15.85	0.0
17	26	9	76	6.6	348.5	15.44	0.0
18	26	9	76	3.3	36.8	13.38	0.0
19	26	9	76	4.6	294.5	8.95	0.0
20	26	9	76	3.6	283.2	8.62	0.0
21	26	9	76	4.7	264.1	6.67	0.0
22	26	9	76	2.8	317.0	7.74	0.0
23	26	9	76	4.5	291.2	3.91	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-------------------------------+

 0 27  9 76       4.7  290.2     3.23     0.0

 1 27  9 76       6.2  272.1     2.44     0.0

 2 27  9 76       6.4  285.6     3.05     0.0

 3 27  9 76       3.8  280.0     4.11     0.0

 4 27  9 76       4.7  358.6     5.55     0.0

 5 27  9 76       2.8   61.5     4.97     0.0

 6 27  9 76       2.0  279.9     4.55     0.01

 7 27  9 76       2.3  152.0     4.55     0.01

 8 27  9 76       1.7   55.7     5.94     0.0

 9 27  9 76       4.7   36.1     7.08     0.0

10 27  9 76       3.7  193.3     8.38     0.0

11 27  9 76       6.6   92.8    10.51     0.0

12 27  9 76       5.2   96.3    11.67     0.0

13 27  9 76       8.0   80.7    12.68     0.0

14 27  9 76       7.6   54.6    13.45     0.0

15 27  9 76       8.8   56.4    13.74     0.0

16 27  9 76       7.9   57.3    13.76     0.0

17 27  9 76       7.2   46.3    13.55     0.0

18 27  9 76     999.0    8.8    10.64     0.0

19 27  9 76       7.4  285.2     5.79     0.0

20 27  9 76       8.0  289.4     4.26     0.0

21 27  9 76       7.8  286.8     3.57     0.0

22 27  9 76       8.1  287.7     2.88     0.0

23 27  9 76       8.3  287.2     2.07     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 28  9 76       7.8  290.7     1.54     0.0

 1 28  9 76       8.0  286.8     0.94     0.0

 2 28  9 76       7.8  293.0     0.79     0.0

 3 28  9 76       4.4  280.2    -1.00     0.0

 4 28  9 76       4.6  274.7    -2.77     0.0

 5 28  9 76       4.7  277.9    -2.30     0.0

 6 28  9 76       4.2  279.7    -3.05     0.0

 7 28  9 76       2.9  256.7    -1.81     0.0

 8 28  9 76       4.8   83.9     4.39     0.0

 9 28  9 76       6.4   61.7     8.08     0.0

10 28  9 76       6.4   70.1    11.47     0.0

11 28  9 76       4.9   98.0    13.60     0.0

12 28  9 76       7.9  126.9    14.55     0.0

13 28  9 76       5.6  352.3    15.92     0.0

14 28  9 76       5.3   23.9    16.64     0.0

15 28  9 76       7.0   44.3    17.36     0.0

16 28  9 76       6.6   65.1    17.25     0.0

17 28  9 76       7.1   79.7    16.64     0.0

18 28  9 76       3.6   89.9    13.84     0.0

19 28  9 76       7.9  293.4     7.97     0.0

20 28  9 76       8.4  291.5     6.09     0.0

21 28  9 76       9.0  280.9     5.40     0.0

22 28  9 76       8.9  292.0     4.95     0.0

23 28  9 76       7.8  285.1     4.44     0.0
```

```
                  METEOROLOGICAL DATA
HR DY  MO  YR      WS10   WDR10    AT10      PREC
++ ++  ++  ++    +-------------------------------------+

 0 29   9  76       5.3   287.9     2.77      0.0

 1 29   9  76       6.5   278.0     2.36      0.0

 2 29   9  76       5.7   284.8     2.00      0.0

 3 29   9  76       5.3   277.7     0.36      0.0

 4 29   9  76       5.7   273.4    -1.58      0.0

 5 29   9  76       5.4   288.2    -1.78      0.0

 6 29   9  76       5.0   276.7    -1.84      0.0

 7 29   9  76       3.2   274.2     0.26      0.0

 8 29   9  76       2.2    99.9     8.12      0.0

 9 29   9  76       5.1    59.5    11.53      0.0

10 29   9  76     999.0   999.0   999.00    999.00

11 29   9  76     999.0   999.0   999.00    999.00

12 29   9  76     999.0   999.0   999.00    999.00

13 29   9  76     999.0   999.0   999.00    999.00

14 29   9  76     999.0   999.0   999.00    999.00

15 29   9  76     999.0   999.0   999.00    999.00

16 29   9  76     999.0   999.0   999.00    999.00

17 29   9  76     999.0   999.0   999.00    999.00

18 29   9  76     999.0   999.0   999.00    999.00

19 29   9  76     999.0   999.0   999.00    999.00

20 29   9  76     999.0   999.0   999.00    999.00

21 29   9  76     999.0   999.0   999.00    999.00

22 29   9  76     999.0   999.0   999.00    999.00

23 29   9  76     999.0   999.0   999.00    999.00
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10    PREC
++ ++ ++ ++     +-----------------------------+

 0 30  9 76     999.0  999.0  999.00  999.00

 1 30  9 76     999.0  999.0  999.00  999.00

 2 30  9 76     999.0  999.0  999.00  999.00

 3 30  9 76     999.0  999.0  999.00  999.00

 4 30  9 76     999.0  999.0  999.00  999.00

 5 30  9 76     999.0  999.0  999.00  999.00

 6 30  9 76     999.0  999.0  999.00  999.00

 7 30  9 76     999.0  999.0  999.00  999.00

 8 30  9 76     999.0  999.0  999.00  999.00

 9 30  9 76     999.0  999.0  999.00  999.00

10 30  9 76     999.0  999.0  999.00  999.00

11 30  9 76     999.0  999.0  999.00  999.00

12 30  9 76     999.0  999.0  999.00  999.00

13 30  9 76     999.0  999.0  999.00  999.00

14 30  9 76       7.6  239.0   22.53     0.0

15 30  9 76       7.4  235.7   23.21     0.0

16 30  9 76       5.0  210.8   23.20     0.0

17 30  9 76       4.4  172.1   22.71     0.0

18 30  9 76       4.7  281.3   19.31     0.0

19 30  9 76       6.5  288.1   12.46     0.0

20 30  9 76       5.6  279.9    8.90     0.0

21 30  9 76       7.4  278.6    7.18     0.0

22 30  9 76       8.9  281.9    7.37     0.0

23 30  9 76       7.8  285.3    7.60     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

```
                METEOROLOGICAL DATA
HR DY MO YR       WS10   WDR10      AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0  1 10 76        6.2   290.2      7.41       0.0
 1  1 10 76        5.9   289.3      6.26       0.0
 2  1 10 76        4.3   272.6      4.76       0.0
 3  1 10 76        5.6   277.6      3.04       0.0
 4  1 10 76        6.0   272.7      2.61       0.0
 5  1 10 76        6.2   282.5      3.58       0.0
 6  1 10 76        7.5   278.9      3.26       0.0
 7  1 10 76        4.9   273.4      5.28       0.0
 8  1 10 76        3.1    91.2     12.00       0.0
 9  1 10 76        4.3    99.1     15.22       0.0
10  1 10 76        3.7    81.2     18.38       0.0
11  1 10 76        5.9    89.6     20.73       0.0
12  1 10 76        4.4    54.3     22.89       0.0
13  1 10 76        9.1   180.9     24.12       0.0
14  1 10 76       11.2   250.9     23.77       0.0
15  1 10 76       13.6   255.2     23.73       0.0
16  1 10 76        7.8   247.1     23.24       0.0
17  1 10 76        7.6   255.2     22.11       0.0
18  1 10 76        5.4   255.9     18.36       0.0
19  1 10 76        2.9   286.3     15.02       0.0
20  1 10 76        2.8   244.1     12.57       0.0
21  1 10 76        2.2   188.3     11.62       0.0
22  1 10 76        4.0   268.0     11.58       0.0
23  1 10 76        1.6   261.2      9.94       0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	2	10	76	3.4	277.8	11.39	0.0
1	2	10	76	3.9	273.3	8.54	0.0
2	2	10	76	5.9	286.8	8.36	0.0
3	2	10	76	4.9	287.4	10.66	0.0
4	2	10	76	7.7	284.3	10.48	0.0
5	2	10	76	5.8	270.9	10.34	0.0
6	2	10	76	2.3	263.2	10.22	0.0
7	2	10	76	2.4	242.4	10.14	0.0
8	2	10	76	4.3	282.4	10.98	0.0
9	2	10	76	9.4	193.4	15.52	0.0
10	2	10	76	9.6	210.5	14.78	0.0
11	2	10	76	12.2	231.3	16.77	0.0
12	2	10	76	11.9	227.0	17.16	0.0
13	2	10	76	24.8	243.6	14.20	0.0
14	2	10	76	10.0	228.8	13.54	0.0
15	2	10	76	15.1	239.5	14.61	0.0
16	2	10	76	5.8	252.7	13.60	0.0
17	2	10	76	9.6	259.9	9.98	0.0
18	2	10	76	2.5	244.0	8.73	0.01
19	2	10	76	6.0	180.8	7.22	0.24
20	2	10	76	4.9	257.9	6.50	0.0
21	2	10	76	4.9	290.5	5.27	0.0
22	2	10	76	4.1	274.7	3.35	0.0
23	2	10	76	4.1	266.2	3.23	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  3 10 76      4.0  280.6    4.78      0.0

 1  3 10 76      2.6  281.0    5.65      0.0

 2  3 10 76      4.4  264.8    5.88      0.0

 3  3 10 76      7.6  225.5    8.23      0.0

 4  3 10 76      5.9  221.0    8.43      0.0

 5  3 10 76      5.8  262.8    7.14      0.0

 6  3 10 76      7.1  261.9    7.31      0.0

 7  3 10 76      3.8  235.7    6.79      0.0

 8  3 10 76      2.8   80.4    7.84      0.0

 9  3 10 76     12.0  271.9    9.81      0.0

10  3 10 76     10.8  247.2   11.20      0.0

11  3 10 76      8.0  247.6   12.41      0.0

12  3 10 76      9.7  282.4   12.71      0.0

13  3 10 76     10.9  286.3   13.78      0.0

14  3 10 76     12.2  277.0   13.84      0.0

15  3 10 76      8.8  313.3   14.10      0.0

16  3 10 76      9.4  312.5   13.58      0.0

17  3 10 76      8.4  294.3   12.88      0.0

18  3 10 76      3.5  324.6   11.49      0.0

19  3 10 76      1.6  111.2    9.46      0.0

20  3 10 76      1.1  219.6    7.81      0.0

21  3 10 76      3.6  284.4    7.82      0.0

22  3 10 76      2.9   69.8    7.36      0.0

23  3 10 76      1.9  275.9    4.28      0.0
```

```
        RIO BLANCO OIL SHALE PROJECT  SITE THREE

                   METEOROLOGICAL DATA
HR DY MO YR        WS10  WDR10    AT10      PREC
++ ++ ++ ++    +-------------------------------+

 0  4 10 76        4.2  272.0     1.74      0.0

 1  4 10 76        6.4  288.7     1.45      0.0

 2  4 10 76        6.9  279.7     0.31      0.0

 3  4 10 76        5.5  290.4     1.38      0.0

 4  4 10 76        6.1  292.5     0.10      0.0

 5  4 10 76        7.0  291.4    -0.79      0.0

 6  4 10 76        6.7  287.6    -1.07      0.0

 7  4 10 76        6.7  280.5    -0.13      0.0

 8  4 10 76        1.9  292.9     4.64      0.0

 9  4 10 76        4.6   89.9     6.57      0.0

10  4 10 76        5.6  111.8     8.63      0.0

11  4 10 76        5.6   91.1    10.16      0.0

12  4 10 76        8.7   80.6    10.87      0.0

13  4 10 76        5.2  333.3    11.93      0.0

14  4 10 76        7.0   42.9    13.03      0.0

15  4 10 76        6.5   31.9    13.51      0.0

16  4 10 76        7.3  284.0    13.17      0.0

17  4 10 76        8.1  298.6    12.73      0.0

18  4 10 76        5.2  290.1     9.99      0.0

19  4 10 76        7.4  271.2     5.01      0.0

20  4 10 76        7.8  277.3     3.94      0.0

21  4 10 76        7.9  290.4     2.50      0.0

22  4 10 76        2.9  259.5     1.53      0.0

23  4 10 76        7.3  283.4     2.78      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++	+-------	--------	--------	-------+
0	5	10	76	7.5	279.4	1.05	0.0
1	5	10	76	7.2	291.3	0.63	0.0
2	5	10	76	7.3	287.2	0.13	0.0
3	5	10	76	7.6	286.3	-0.17	0.0
4	5	10	76	6.5	288.2	-0.20	0.0
5	5	10	76	7.8	284.1	-0.51	0.0
6	5	10	76	7.6	291.6	-0.95	0.0
7	5	10	76	7.1	285.1	0.36	0.0
8	5	10	76	3.3	251.2	5.05	0.0
9	5	10	76	5.6	71.2	8.10	0.0
10	5	10	76	5.0	131.1	9.59	0.0
11	5	10	76	4.2	74.1	11.25	0.0
12	5	10	76	3.7	253.2	13.34	0.0
13	5	10	76	9.0	278.2	12.91	0.0
14	5	10	76	8.4	278.2	13.84	0.0
15	5	10	76	12.5	280.8	13.51	0.0
16	5	10	76	10.9	276.4	13.52	0.0
17	5	10	76	6.9	306.0	13.40	0.0
18	5	10	76	1.9	252.2	11.30	0.0
19	5	10	76	5.6	277.2	7.64	0.0
20	5	10	76	5.9	293.8	5.00	0.0
21	5	10	76	6.1	302.7	4.74	0.0
22	5	10	76	5.7	270.7	4.06	0.0
23	5	10	76	5.1	276.2	4.18	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  6 10 76      7.0   287.4     3.88      0.0

 1  6 10 76      7.2   290.2     3.82      0.0

 2  6 10 76      6.4   286.9     3.54      0.0

 3  6 10 76      6.0   277.5     2.54      0.0

 4  6 10 76      6.2   299.3     3.51      0.0

 5  6 10 76      6.9   290.8     4.61      0.0

 6  6 10 76      7.1   289.5     4.93      0.0

 7  6 10 76      5.1   283.3     4.65      0.0

 8  6 10 76      4.3   107.6     8.01      0.0

 9  6 10 76      8.3   317.1    11.26      0.0

10  6 10 76      8.9    49.3     9.39      0.0

11  6 10 76     14.0    62.9     8.08      0.0

12  6 10 76     12.6    44.3     6.16      0.0

13  6 10 76     15.0    57.3     6.16      0.0

14  6 10 76      9.9    62.1     6.62      0.0

15  6 10 76     13.8    66.7     6.95      0.0

16  6 10 76      9.9    59.5     6.58      0.0

17  6 10 76      9.7    58.4     7.20      0.0

18  6 10 76      7.2    62.4     5.38      0.0

19  6 10 76      4.2    52.1     2.65      0.0

20  6 10 76      3.8   108.4     2.22      0.0

21  6 10 76      2.5   270.6     2.56      0.0

22  6 10 76      3.5   285.6     2.32      0.0

23  6 10 76      2.1   157.5    -0.64      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                  METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  7 10 76      3.4    18.9     0.58     0.0

 1  7 10 76      2.3   101.5    -0.64     0.0

 2  7 10 76      1.5   354.9     0.73     0.0

 3  7 10 76      4.0    55.3     0.62     0.0

 4  7 10 76      4.6   342.4    -0.08     0.0

 5  7 10 76      2.7   262.0    -3.59     0.0

 6  7 10 76      3.7   278.2    -5.77     0.0

 7  7 10 76      5.9   272.3    -4.60     0.0

 8  7 10 76      3.6   126.2     1.12     0.0

 9  7 10 76      5.0    95.9     2.57     0.0

10  7 10 76      6.0   101.0     4.03     0.0

11  7 10 76      6.3    56.0     5.82     0.0

12  7 10 76      7.8    57.5     6.76     0.0

13  7 10 76      6.2    84.0     7.52     0.0

14  7 10 76      4.5   179.4     8.78     0.0

15  7 10 76      7.4    95.2     9.11     0.0

16  7 10 76      6.4   104.5     9.58     0.0

17  7 10 76      2.7    63.4     9.73     0.0

18  7 10 76      3.3   262.5     4.75     0.0

19  7 10 76      7.1   290.6     2.08     0.0

20  7 10 76      7.0   289.3     0.56     0.0

21  7 10 76      7.6   280.5    -0.24     0.0

22  7 10 76      7.5   284.3    -0.28     0.0

23  7 10 76      7.2   285.6    -0.62     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	10	76	5.1	272.0	-1.81	0.0
1	8	10	76	6.5	282.4	-2.92	0.0
2	8	10	76	4.9	274.7	-3.66	0.0
3	8	10	76	5.4	277.3	-3.68	0.0
4	8	10	76	6.8	274.2	-4.08	0.0
5	8	10	76	5.9	279.5	-3.72	0.0
6	8	10	76	5.3	276.1	-4.32	0.0
7	8	10	76	4.2	273.5	-4.12	0.0
8	8	10	76	2.7	111.1	2.46	0.0
9	8	10	76	5.1	88.0	7.23	0.0
10	8	10	76	4.0	86.1	10.64	0.0
11	8	10	76	3.9	85.6	13.28	0.0
12	8	10	76	6.4	92.3	14.27	0.0
13	8	10	76	7.7	112.1	15.47	0.0
14	8	10	76	6.3	47.4	16.43	0.0
15	8	10	76	4.8	95.4	17.96	0.0
16	8	10	76	4.6	5.9	18.20	0.0
17	8	10	76	4.2	359.4	17.43	0.0
18	8	10	76	5.9	269.5	10.71	0.0
19	8	10	76	7.0	283.4	6.30	0.0
20	8	10	76	7.8	285.9	4.97	0.0
21	8	10	76	7.2	282.9	4.41	0.0
22	8	10	76	8.1	286.7	3.79	0.0
23	8	10	76	6.1	270.0	2.60	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  9 10 76      7.4  273.0    2.44     0.0

 1  9 10 76      5.7  268.8    0.72     0.0

 2  9 10 76      5.1  273.5   -0.70     0.0

 3  9 10 76      8.0  274.0    0.21     0.0

 4  9 10 76      5.9  272.5    0.69     0.0

 5  9 10 76      4.5  271.1   -1.70     0.0

 6  9 10 76      7.1  282.0   -1.24     0.0

 7  9 10 76      7.1  275.3   -0.23     0.0

 8  9 10 76      1.7  231.6    6.95     0.0

 9  9 10 76      6.2   99.4   10.73     0.0

10  9 10 76      6.8   89.4   13.34     0.0

11  9 10 76      5.6  119.3   16.11     0.0

12  9 10 76      4.1  175.1   19.44     0.0

13  9 10 76      6.6  212.6   21.52     0.0

14  9 10 76      5.5  337.3   22.10     0.0

15  9 10 76      5.9  297.2   22.18     0.0

16  9 10 76      7.1  279.3   22.06     0.0

17  9 10 76      6.4  312.1   21.13     0.0

18  9 10 76      7.1  278.5   12.28     0.0

19  9 10 76      7.1  290.8    9.44     0.0

20  9 10 76      9.0  286.4    8.99     0.0

21  9 10 76      8.5  287.2    7.68     0.0

22  9 10 76      6.5  283.2    6.67     0.0

23  9 10 76      4.2  285.6    4.69     0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0 10 10 76        6.0  272.4     3.03      0.0

 1 10 10 76        5.4  275.6     1.43      0.0

 2 10 10 76        8.2  282.5     1.94      0.0

 3 10 10 76        6.8  280.4     3.23      0.0

 4 10 10 76        4.8  277.3     0.65      0.0

 5 10 10 76        7.1  265.3     1.60      0.0

 6 10 10 76        5.3  269.6     0.04      0.0

 7 10 10 76        5.3  275.9     2.10      0.0

 8 10 10 76        1.7  157.6     8.51      0.0

 9 10 10 76        4.8   90.8    13.73      0.0

10 10 10 76        4.8   75.5    18.01      0.0

11 10 10 76       11.5  246.8    21.22      0.0

12 10 10 76       13.3  254.9    21.67      0.0

13 10 10 76       10.7  239.9    21.81      0.0

14 10 10 76       12.1  243.7    22.03      0.0

15 10 10 76       14.2  238.8    21.35      0.0

16 10 10 76       11.1  228.8    20.92      0.0

17 10 10 76        7.3  232.4    19.42      0.0

18 10 10 76       10.1  264.6    15.52      0.0

19 10 10 76        5.6  278.4    12.65      0.0

20 10 10 76        9.3  258.8    13.19      0.0

21 10 10 76       12.9  254.7    12.85      0.0

22 10 10 76        7.5  275.2     9.11      0.0

23 10 10 76        8.6  286.3     7.46      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 11 10 76      8.5  288.8     6.75     0.0

 1 11 10 76      8.3  291.1     6.43     0.0

 2 11 10 76      7.8  290.1     7.04     0.0

 3 11 10 76      7.4  276.6     4.28     0.0

 4 11 10 76      8.6  277.9     5.09     0.0

 5 11 10 76      8.9  288.8     5.10     0.0

 6 11 10 76      8.2  294.4     6.37     0.0

 7 11 10 76      8.6  295.6     5.82     0.0

 8 11 10 76      2.7  146.7     8.94     0.0

 9 11 10 76      4.0   91.6    11.91     0.0

10 11 10 76      8.5  231.0    18.01     0.0

11 11 10 76      9.5  241.9    18.64     0.0

12 11 10 76     11.3  270.3    19.44     0.0

13 11 10 76      9.0  275.9    18.95     0.0

14 11 10 76     11.7  225.7    19.77     0.0

15 11 10 76     11.1  222.6    19.65     0.0

16 11 10 76     10.9  246.5    19.48     0.0

17 11 10 76      7.5  233.6    18.76     0.0

18 11 10 76      6.3  284.8    12.43     0.0

19 11 10 76      7.7  296.9     8.46     0.0

20 11 10 76      2.1  254.2     9.01     0.0

21 11 10 76      7.8  282.6     6.06     0.0

22 11 10 76      8.0  283.8     5.14     0.0

23 11 10 76      8.0  285.0     4.53     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	12	10	76	7.9	279.7	3.41	0.0
1	12	10	76	7.7	290.3	3.34	0.0
2	12	10	76	9.7	275.3	2.84	0.0
3	12	10	76	6.7	275.5	1.22	0.0
4	12	10	76	8.4	280.7	2.09	0.0
5	12	10	76	7.4	291.7	1.73	0.0
6	12	10	76	7.0	287.5	0.91	0.0
7	12	10	76	6.6	292.7	2.61	0.0
8	12	10	76	2.9	163.3	8.10	0.0
9	12	10	76	6.3	68.9	10.04	0.0
10	12	10	76	6.6	62.0	11.67	0.0
11	12	10	76	9.6	59.4	12.66	0.0
12	12	10	76	7.8	34.1	14.20	0.0
13	12	10	76	9.9	72.1	15.08	0.0
14	12	10	76	8.0	353.4	15.93	0.0
15	12	10	76	5.5	99.5	16.30	0.0
16	12	10	76	6.7	45.2	16.60	0.0
17	12	10	76	6.3	49.7	16.05	0.0
18	12	10	76	2.7	257.3	10.30	0.0
19	12	10	76	9.6	276.7	6.47	0.0
20	12	10	76	8.2	278.1	4.99	0.0
21	12	10	76	9.6	277.7	3.78	0.0
22	12	10	76	8.3	279.3	3.20	0.0
23	12	10	76	7.8	288.9	2.70	0.0

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	10	76	8.6	285.3	1.83	0.0
1	13	10	76	8.3	289.5	1.92	0.0
2	13	10	76	8.0	286.2	1.32	0.0
3	13	10	76	7.6	292.4	0.94	0.0
4	13	10	76	3.6	271.0	-1.19	0.0
5	13	10	76	6.5	269.9	-1.51	0.0
6	13	10	76	7.3	282.1	-0.71	0.0
7	13	10	76	7.1	289.3	0.94	0.0
8	13	10	76	2.6	110.4	6.25	0.0
9	13	10	76	6.5	91.1	9.13	0.0
10	13	10	76	6.2	112.0	12.05	0.0
11	13	10	76	5.8	114.3	14.84	0.0
12	13	10	76	4.3	114.2	16.51	0.0
13	13	10	76	6.6	41.4	17.84	0.0
14	13	10	76	6.8	82.6	18.53	0.0
15	13	10	76	8.3	262.2	19.36	0.0
16	13	10	76	8.2	274.9	18.79	0.0
17	13	10	76	6.7	272.2	18.40	0.0
18	13	10	76	4.7	281.0	10.86	0.0
19	13	10	76	4.2	260.6	5.96	0.0
20	13	10	76	7.6	280.9	4.39	0.0
21	13	10	76	8.7	283.1	3.76	0.0
22	13	10	76	8.6	286.5	3.63	0.0
23	13	10	76	7.8	280.2	4.04	0.0

RIO BLANCO OIL SHALE PROJECT SITE THREE

```
                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10     AT10      PREC
++ ++ ++ ++     +------------------------------------+

 0 14 10 76       5.4  277.2      2.50      0.0

 1 14 10 76       3.7  285.9     -0.14      0.0

 2 14 10 76       3.9  259.8     -0.97      0.0

 3 14 10 76       5.8  282.0     -1.68      0.0

 4 14 10 76       7.9  273.4     -0.09      0.0

 5 14 10 76       6.9  280.1     -0.50      0.0

 6 14 10 76       4.1  288.0     -2.58      0.0

 7 14 10 76       6.7  280.1     -1.88      0.0

 8 14 10 76       1.9  196.9      5.12      0.0

 9 14 10 76       3.6   94.9     11.55      0.0

10 14 10 76       3.8  101.6     14.35      0.0

11 14 10 76       6.4  106.1     16.21      0.0

12 14 10 76       5.0   96.4     17.62      0.0

13 14 10 76       5.1   77.3     18.39      0.0

14 14 10 76       6.3   89.7     18.87      0.0

15 14 10 76       6.3   72.8     19.53      0.0

16 14 10 76       3.6   51.8     19.96      0.0

17 14 10 76       6.9  304.9     18.54      0.0

18 14 10 76       6.4  291.3     16.81      0.0

19 14 10 76       8.4  278.5      7.85      0.0

20 14 10 76       8.0  280.4      6.33      0.0

21 14 10 76       7.6  287.8      5.44      0.0

22 14 10 76       7.7  285.7      5.40      0.0

23 14 10 76       5.0  279.4      2.96      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +------------------------------+

 0 15 10 76     7.5  273.8    1.65    0.0

 1 15 10 76     8.7  279.9    2.17    0.0

 2 15 10 76     7.4  285.3    1.90    0.0

 3 15 10 76     7.2  285.8    1.61    0.0

 4 15 10 76     6.3  284.0    0.59    0.0

 5 15 10 76     6.7  283.1   -0.31    0.0

 6 15 10 76     5.0  274.6   -1.55    0.0

 7 15 10 76     5.8  278.3   -1.87    0.0

 8 15 10 76     1.8  219.8    4.27    0.0

 9 15 10 76     5.5   70.2    7.97    0.0

10 15 10 76     4.2   86.4   11.87    0.0

11 15 10 76     6.2   87.4   14.41    0.0

12 15 10 76     7.4   94.7   15.71    0.0

13 15 10 76     6.7  104.5   17.11    0.0

14 15 10 76     7.0  108.6   17.78    0.0

15 15 10 76     9.1   96.5   17.87    0.0

16 15 10 76     4.3  107.6   18.36    0.0

17 15 10 76     5.8   51.9   16.11    0.0

18 15 10 76     5.5  271.6    9.64    0.0

19 15 10 76     8.6  285.9    6.83    0.0

20 15 10 76     8.5  293.2    5.68    0.0

21 15 10 76     8.9  287.0    4.78    0.0

22 15 10 76     8.8  288.1    4.43    0.0

23 15 10 76     8.8  291.7    4.37    0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

          METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +----------------------------------+

 0 16 10 76      5.6  293.1    4.04      0.0

 1 16 10 76      8.7  287.3    2.23      0.0

 2 16 10 76      6.2  275.9    1.48      0.0

 3 16 10 76      2.9  253.8   -1.72      0.0

 4 16 10 76      6.6  277.1   -1.61      0.0

 5 16 10 76      7.2  280.8   -0.03      0.0

 6 16 10 76      7.4  277.0   -0.19      0.0

 7 16 10 76      4.4  278.5   -0.84      0.0

 8 16 10 76      2.1  146.6    5.08      0.0

 9 16 10 76      4.9   75.2    9.35      0.0

10 16 10 76      5.0   87.8   12.22      0.0

11 16 10 76      4.7   91.4   14.23      0.0

12 16 10 76      8.1  112.0   15.55      0.0

13 16 10 76      7.1  110.1   16.45      0.0

14 16 10 76     10.1  292.4   17.23      0.0

15 16 10 76      9.7  280.8   17.15      0.0

16 16 10 76      8.9  260.6   17.42      0.0

17 16 10 76      6.0  266.5   17.27      0.0

18 16 10 76      6.4  291.1    9.10      0.0

19 16 10 76      6.4  289.4    7.33      0.0

20 16 10 76      6.3  283.1    6.47      0.0

21 16 10 76      6.0  278.9    5.60      0.0

22 16 10 76      6.4  286.7    5.35      0.0

23 16 10 76      4.9  285.3    4.19      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

```
                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +----------------------------+

 0 17 10 76      5.9  285.6     5.06     0.0

 1 17 10 76      7.0  293.1     5.22     0.0

 2 17 10 76      7.5  272.1     2.59     0.0

 3 17 10 76      6.2  281.8     1.20     0.0

 4 17 10 76      6.0  272.8     0.47     0.0

 5 17 10 76      4.8  276.6     0.70     0.0

 6 17 10 76      2.2  291.4     2.72     0.0

 7 17 10 76      3.6   90.6     5.35     0.0

 8 17 10 76     11.1  263.1    11.70     0.0

 9 17 10 76     14.4  249.0    13.03     0.0

10 17 10 76     20.3  249.4    14.94     0.0

11 17 10 76     21.9  252.8    16.09     0.0

12 17 10 76     22.8  260.5    16.96     0.0

13 17 10 76     18.4  245.1    16.98     0.0

14 17 10 76     15.2  249.3    16.32     0.0

15 17 10 76     17.3  263.7    16.18     0.0

16 17 10 76     14.8  291.2    14.82     0.0

17 17 10 76     17.4  281.6    14.53     0.0

18 17 10 76     13.8  277.9    11.79     0.0

19 17 10 76      9.1    2.5    10.48     0.0

20 17 10 76      8.8   76.5     5.59     0.0

21 17 10 76      4.3   66.0     3.39     0.0

22 17 10 76      3.4  336.4     1.01     0.0

23 17 10 76      4.0  317.6    -0.21     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0 18 10 76       3.7  272.4   -4.62       0.0

 1 18 10 76       6.7  265.4   -5.98       0.0

 2 18 10 76       5.3  282.5   -7.20       0.0

 3 18 10 76       5.8  287.8   -8.21       0.0

 4 18 10 76       6.7  287.9   -9.07       0.0

 5 18 10 76       7.1  288.3   -9.19       0.0

 6 18 10 76       5.9  290.9   -9.17       0.0

 7 18 10 76       6.1  279.5   -8.65       0.0

 8 18 10 76       7.5   49.9   -3.34       0.0

 9 18 10 76       4.3   51.7   -2.93       0.0

10 18 10 76       6.5   44.7   -1.89       0.0

11 18 10 76       4.6   65.4   -0.79       0.0

12 18 10 76       7.6   16.9    1.08       0.0

13 18 10 76      11.7   59.4    1.86       0.0

14 18 10 76       6.6   24.9    3.09       0.0

15 18 10 76       5.9   76.3    3.33       0.0

16 18 10 76       6.7   82.8    3.51       0.0

17 18 10 76       5.7   58.8    2.89       0.0

18 18 10 76       1.8  218.1   -1.77       0.0

19 18 10 76       6.8  288.0   -4.87       0.0

20 18 10 76       6.9  291.8   -5.66       0.0

21 18 10 76       8.3  290.3   -6.51       0.0

22 18 10 76       7.7  286.8   -6.58       0.0

23 18 10 76       7.9  284.7   -7.23       0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0 19 10 76      7.3  281.4    -7.88      0.0

 1 19 10 76      5.8  274.7    -8.43      0.0

 2 19 10 76      3.9  291.4    -9.76      0.0

 3 19 10 76      4.8  288.0   -11.20      0.0

 4 19 10 76      4.6  281.3   -11.00      0.0

 5 19 10 76      4.9  286.3   -11.40      0.0

 6 19 10 76      3.1  266.6   -11.60      0.0

 7 19 10 76      4.0  272.6   -11.50      0.0

 8 19 10 76      1.1  135.6    -5.09      0.0

 9 19 10 76      4.8   79.5    -0.13      0.0

10 19 10 76      6.6   87.9     3.37      0.0

11 19 10 76      4.7   77.0     5.48      0.0

12 19 10 76      4.4  105.1     7.35      0.0

13 19 10 76      6.1   95.4     8.50      0.0

14 19 10 76      5.4  103.2    10.28      0.0

15 19 10 76      2.7  201.7    12.62      0.0

16 19 10 76      4.6  270.8    12.09      0.0

17 19 10 76      7.9  322.8     9.77      0.0

18 19 10 76      6.4  273.6     2.67      0.0

19 19 10 76      7.7  292.1    -0.34      0.0

20 19 10 76      7.7  294.6    -1.39      0.0

21 19 10 76      8.4  283.7    -2.13      0.0

22 19 10 76      7.4  289.7    -2.97      0.0

23 19 10 76      6.5  279.9    -3.75      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	20	10	76	4.8	282.7	-4.91	0.0
1	20	10	76	6.2	278.4	-6.40	0.0
2	20	10	76	7.1	276.5	-6.20	0.0
3	20	10	76	5.5	264.2	-6.81	0.0
4	20	10	76	6.8	279.6	-6.76	0.0
5	20	10	76	6.1	289.3	-6.34	0.0
6	20	10	76	7.0	279.5	-7.21	0.0
7	20	10	76	5.8	282.7	-6.60	0.0
8	20	10	76	1.9	145.3	-1.67	0.0
9	20	10	76	4.9	98.3	2.92	0.0
10	20	10	76	6.3	108.4	6.28	0.0
11	20	10	76	4.6	121.2	9.16	0.0
12	20	10	76	4.8	115.9	10.62	0.0
13	20	10	76	5.6	43.1	12.10	0.0
14	20	10	76	7.0	109.9	12.67	0.0
15	20	10	76	6.4	123.1	12.69	0.0
16	20	10	76	4.4	82.6	13.35	0.0
17	20	10	76	4.7	57.5	12.24	0.0
18	20	10	76	4.6	272.1	5.21	0.0
19	20	10	76	7.9	288.1	1.39	0.0
20	20	10	76	7.9	288.8	-0.13	0.0
21	20	10	76	6.4	289.7	-0.27	0.0
22	20	10	76	8.8	289.7	-0.48	0.0
23	20	10	76	7.6	292.2	-0.74	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 21 10 76      7.1  284.9    -1.52     0.0

 1 21 10 76      4.8  289.4    -3.22     0.0

 2 21 10 76      2.2  280.4    -5.30     0.0

 3 21 10 76      5.7  288.2    -5.82     0.0

 4 21 10 76      6.5  274.1    -6.93     0.0

 5 21 10 76      5.3  282.9    -6.43     0.0

 6 21 10 76      6.9  269.4    -5.85     0.0

 7 21 10 76      5.3  277.1    -5.25     0.0

 8 21 10 76      2.7  248.5    -0.05     0.0

 9 21 10 76      4.0   81.1     5.53     0.0

10 21 10 76      5.4   66.1     8.72     0.0

11 21 10 76      4.9   95.1    12.06     0.0

12 21 10 76      5.9  102.2    13.80     0.0

13 21 10 76      4.9  347.8    15.06     0.0

14 21 10 76      5.1   61.1    15.02     0.0

15 21 10 76      4.3   51.8    15.44     0.0

16 21 10 76      4.9    9.8    14.40     0.0

17 21 10 76      6.6  314.9    13.19     0.0

18 21 10 76      6.1  285.0     6.90     0.0

19 21 10 76      8.6  285.2     4.80     0.0

20 21 10 76      8.6  289.8     2.93     0.0

21 21 10 76      8.4  292.7     1.16     0.0

22 21 10 76      6.8  288.4     0.47     0.0

23 21 10 76      9.1  276.5    -0.57     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++    +----------------------------+

 0 22 10 76      6.9   276.4   -2.77     0.0

 1 22 10 76      6.3   278.5   -0.86     0.0

 2 22 10 76      6.9   277.7   -0.01     0.0

 3 22 10 76      3.7   280.9   -2.93     0.0

 4 22 10 76      0.6   286.4   -2.20     0.0

 5 22 10 76      0.6   273.6   -1.65     0.0

 6 22 10 76      0.6   281.5   -2.21     0.0

 7 22 10 76      1.9   279.6   -3.62     0.0

 8 22 10 76      1.6   258.8    1.67     0.0

 9 22 10 76      4.0   178.4    9.09     0.0

10 22 10 76      7.3   223.0   12.08     0.0

11 22 10 76      9.7   261.0   12.92     0.0

12 22 10 76     10.4   276.5   13.37     0.0

13 22 10 76     13.1   262.2   13.93     0.0

14 22 10 76     12.4   288.8   13.70     0.0

15 22 10 76     13.2   283.7   13.47     0.0

16 22 10 76     10.3   274.4   13.16     0.0

17 22 10 76      9.1   237.2   12.26     0.0

18 22 10 76      7.1   264.7    7.50     0.0

19 22 10 76      0.8   286.8    4.34     0.0

20 22 10 76      6.1   292.1    2.63     0.0

21 22 10 76      4.3   279.3    0.12     0.0

22 22 10 76      4.6   275.5   -1.14     0.0

23 22 10 76      1.7    83.1   -1.49     0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++     +----------------------------------+

 0 23 10 76       8.6   277.8      3.32      0.0

 1 23 10 76       4.5   289.3      1.37      0.0

 2 23 10 76       1.6   259.8     -0.03      0.0

 3 23 10 76       3.2   296.3     -0.25      0.0

 4 23 10 76       5.0   289.2      0.17      0.0

 5 23 10 76       6.7   285.2     -0.70      0.0

 6 23 10 76       4.0   285.8     -2.66      0.0

 7 23 10 76       1.2   271.7     -4.64      0.0

 8 23 10 76       0.9    78.7      4.13      0.0

 9 23 10 76       4.6    82.9      8.35      0.0

10 23 10 76      11.5   259.3     11.23      0.0

11 23 10 76      12.5   266.9     12.01      0.0

12 23 10 76      12.4   281.9     12.30      0.0

13 23 10 76      12.3   280.3     12.89      0.0

14 23 10 76      14.9   277.7     12.86      0.0

15 23 10 76      14.0   275.3     12.67      0.0

16 23 10 76       8.6   271.7     12.85      0.0

17 23 10 76       5.9   290.8     11.75      0.0

18 23 10 76       6.3   286.2      5.06      0.0

19 23 10 76       8.2   291.8      2.51      0.0

20 23 10 76       7.3   283.0      2.49      0.0

21 23 10 76       5.4   272.4      4.48      0.0

22 23 10 76       6.1   272.6      6.14      0.0

23 23 10 76       2.4    62.8      3.17      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

             METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 24 10 76      5.6  276.8    0.64     0.0

 1 24 10 76      7.4  283.7   -0.46     0.0

 2 24 10 76      5.6  288.6    0.80     0.0

 3 24 10 76      6.0  272.8   -0.09     0.0

 4 24 10 76      6.6  279.1   -1.92     0.0

 5 24 10 76      7.2  276.2   -1.91     0.0

 6 24 10 76      4.8  270.6   -3.36     0.0

 7 24 10 76      6.4  285.1   -2.44     0.0

 8 24 10 76      6.4  288.0    0.29     0.0

 9 24 10 76      5.3  225.2    7.62     0.0

10 24 10 76      9.0  242.8    9.50     0.0

11 24 10 76     12.7  271.7   10.49     0.0

12 24 10 76     10.7  287.6   10.72     0.0

13 24 10 76     12.9  278.2   11.42     0.0

14 24 10 76     11.9  277.9   12.15     0.0

15 24 10 76     12.6  299.7   12.09     0.0

16 24 10 76     12.6  306.4   11.51     0.0

17 24 10 76      6.0  281.0   10.39     0.0

18 24 10 76      5.3  282.5    4.98     0.0

19 24 10 76      6.7  280.6    2.76     0.0

20 24 10 76      8.8  286.6    2.68     0.0

21 24 10 76      5.9  288.9    2.01     0.0

22 24 10 76      5.7  280.5    0.60     0.0

23 24 10 76      5.7  287.3   -0.76     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10    PREC
++ ++ ++ ++     +-----------------------------+

 0 25 10 76      6.3  281.4   -1.26    0.0

 1 25 10 76      6.5  277.8   -4.48    0.0

 2 25 10 76      7.5  280.1   -3.93    0.0

 3 25 10 76      6.1  291.7   -3.41    0.0

 4 25 10 76      7.4  285.8   -0.30    0.0

 5 25 10 76      8.4  276.6   -0.33    0.0

 6 25 10 76      6.4  286.0    0.51    0.0

 7 25 10 76      2.7  286.3   -2.69    0.0

 8 25 10 76      3.0  248.2    1.66    0.0

 9 25 10 76      4.6  197.5    9.81    0.0

10 25 10 76      8.9  248.3   10.50    0.0

11 25 10 76     15.9  267.2   11.85    0.0

12 25 10 76     13.6  274.4   11.72    0.0

13 25 10 76     11.4  257.4   11.30    0.0

14 25 10 76     15.4  303.9    8.79    0.0

15 25 10 76     16.6  293.6    4.36    0.0

16 25 10 76      5.3  235.9    3.53    0.0

17 25 10 76      4.9  107.4    3.47    0.0

18 25 10 76      4.9   14.8    1.00    0.0

19 25 10 76      3.1   30.7    0.13    0.0

20 25 10 76      6.7  283.2   -2.46    0.0

21 25 10 76      5.8  287.9   -1.52    0.0

22 25 10 76      6.1  284.1   -2.46    0.0

23 25 10 76      6.7  279.6   -3.94    0.0
```

```
               METEOROLOGICAL DATA
HR DY MO YR       WS10   WDR10     AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0 26 10 76        8.1   277.7    -5.35      0.0

 1 26 10 76        7.5   290.0    -5.60      0.0

 2 26 10 76        7.9   276.9    -6.26      0.0

 3 26 10 76        7.8   284.9    -6.74      0.0

 4 26 10 76        7.9   291.4    -7.16      0.0

 5 26 10 76        6.9   284.4    -5.75      0.0

 6 26 10 76        6.6   272.7    -5.41      0.0

 7 26 10 76        5.9   274.4    -4.28      0.0

 8 26 10 76        2.4   288.7    -2.96      0.0

 9 26 10 76        1.6    94.8    -1.26      0.0

10 26 10 76        2.4   113.6    -0.38      0.0

11 26 10 76        8.8    60.3     0.81      0.01

12 26 10 76        9.7    52.6     1.72      0.0

13 26 10 76        8.0    46.0     2.85      0.0

14 26 10 76        9.0    54.0     3.33      0.0

15 26 10 76        3.5    28.8     2.95      0.0

16 26 10 76        8.1    52.6     3.83      0.0

17 26 10 76        4.7    44.4     3.40      0.0

18 26 10 76        5.0    47.4     2.72      0.0

19 26 10 76        6.4    62.9     2.57      0.0

20 26 10 76        5.0    65.6     1.29      0.0

21 26 10 76        4.4   285.1    -1.78      0.0

22 26 10 76        2.8   303.6    -2.57      0.0

23 26 10 76        3.6   269.5    -4.19      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	27	10	76	6.6	287.4	-5.70	0.0
1	27	10	76	4.0	263.0	-6.53	0.0
2	27	10	76	6.6	280.7	-6.86	0.0
3	27	10	76	8.0	272.9	-7.37	0.0
4	27	10	76	6.8	281.3	-7.83	0.0
5	27	10	76	5.4	260.9	-8.31	0.0
6	27	10	76	7.3	279.9	-8.89	0.0
7	27	10	76	6.8	292.3	-9.02	0.0
8	27	10	76	4.6	279.1	-5.32	0.0
9	27	10	76	4.3	119.2	0.06	0.0
10	27	10	76	5.9	118.3	1.44	0.0
11	27	10	76	5.7	83.6	2.91	0.0
12	27	10	76	7.9	68.8	4.57	0.0
13	27	10	76	6.2	46.0	5.52	0.0
14	27	10	76	7.1	74.0	6.34	0.0
15	27	10	76	6.4	33.3	6.75	0.0
16	27	10	76	6.3	51.0	6.71	0.0
17	27	10	76	4.7	55.4	5.51	0.0
18	27	10	76	4.9	286.7	-1.56	0.0
19	27	10	76	8.6	285.1	-3.11	0.0
20	27	10	76	8.5	290.1	-3.60	0.0
21	27	10	76	8.3	292.5	-4.28	0.0
22	27	10	76	8.7	292.1	-4.23	0.0
23	27	10	76	8.5	294.3	-4.49	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 28 10 76       8.2   292.0    -4.93      0.0

 1 28 10 76       8.1   290.8    -5.63      0.0

 2 28 10 76       5.6   279.1    -7.43      0.0

 3 28 10 76       4.1   281.0    -8.27      0.0

 4 28 10 76       4.4   280.1    -9.03      0.0

 5 28 10 76       6.8   279.7    -8.79      0.0

 6 28 10 76       6.2   278.3    -8.99      0.0

 7 28 10 76       1.3   274.6    -8.89      0.0

 8 28 10 76       0.8   242.7    -4.79      0.0

 9 28 10 76       0.6    95.5    -0.62      0.0

10 28 10 76       3.9    91.4     3.43      0.0

11 28 10 76       3.6    92.7     5.74      0.0

12 28 10 76       4.4   105.0     7.24      0.0

13 28 10 76       4.3    45.0     8.17      0.0

14 28 10 76       3.2   105.4     9.10      0.0

15 28 10 76       3.4    50.3    10.12      0.0

16 28 10 76       3.5    74.4     9.75      0.0

17 28 10 76       0.6    94.9     8.07      0.0

18 28 10 76       6.9   291.1     0.60      0.0

19 28 10 76       7.7   293.5    -0.72      0.0

20 28 10 76       8.3   286.7    -1.43      0.0

21 28 10 76       7.8   288.7    -2.13      0.0

22 28 10 76       7.4   290.2    -3.24      0.0

23 28 10 76       6.9   281.0    -3.59      0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR       WS10   WDR10    AT10      PREC
++ ++ ++ ++     +------------------------------+

 0 29 10 76       5.6   280.6    -4.12      0.0

 1 29 10 76     999.0   276.7    -7.12      0.0

 2 29 10 76     999.0   277.7    -6.22      0.0

 3 29 10 76     999.0   284.0    -6.93      0.0

 4 29 10 76     999.0   275.0    -7.29      0.0

 5 29 10 76     999.0   269.5    -7.51      0.0

 6 29 10 76     999.0   274.5    -7.75      0.0

 7 29 10 76     999.0   276.5    -7.46      0.0

 8 29 10 76     999.0   261.8    -3.38      0.0

 9 29 10 76     999.0   103.0     1.32      0.0

10 29 10 76     999.0    89.2     5.06      0.0

11 29 10 76     999.0   101.8     8.10      0.0

12 29 10 76     999.0    94.3     9.97      0.0

13 29 10 76     999.0   105.4    10.98      0.0

14 29 10 76     999.0    75.6    11.83      0.0

15 29 10 76     999.0    88.8    12.27      0.0

16 29 10 76     999.0    97.0    12.32      0.0

17 29 10 76     999.0   111.3     9.66      0.0

18 29 10 76     999.0   291.4     3.92      0.0

19 29 10 76     999.0   295.5     2.12      0.0

20 29 10 76     999.0   287.3     1.73      0.0

21 29 10 76     999.0   280.9     0.48      0.0

22 29 10 76     999.0   290.1    -0.05      0.0

23 29 10 76     999.0   275.3    -1.11      0.0
```

```
              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 30 10 76     999.0   277.9    -2.20     0.0

 1 30 10 76     999.0   270.5    -2.63     0.0

 2 30 10 76     999.0   281.7    -3.14     0.0

 3 30 10 76     999.0   272.2    -3.10     0.0

 4 30 10 76     999.0   281.6    -3.53     0.0

 5 30 10 76     999.0   268.1    -4.09     0.0

 6 30 10 76     999.0   278.4    -4.93     0.0

 7 30 10 76     999.0   271.1    -4.52     0.0

 8 30 10 76     999.0   289.9    -1.35     0.0

 9 30 10 76     999.0   110.0     6.74     0.0

10 30 10 76     999.0    96.8     7.61     0.0

11 30 10 76     999.0    87.9     9.69     0.0

12 30 10 76     999.0    83.4    10.78     0.0

13 30 10 76     999.0    46.8    11.55     0.0

14 30 10 76     999.0    81.3    12.10     0.0

15 30 10 76     999.0    63.8    12.53     0.0

16 30 10 76     999.0    48.0    12.52     0.0

17 30 10 76     999.0    65.7    10.41     0.0

18 30 10 76     999.0   278.7     2.77     0.0

19 30 10 76     999.0   283.7     1.89     0.0

20 30 10 76     999.0   289.9     1.74     0.0

21 30 10 76     999.0   289.6     1.04     0.0

22 30 10 76     999.0   289.8     0.63     0.0

23 30 10 76     999.0   288.8    -0.51     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	31	10	76	999.0	289.1	-0.29	0.0
1	31	10	76	999.0	290.8	-0.61	0.0
2	31	10	76	999.0	287.9	-1.20	0.0
3	31	10	76	999.0	290.5	-1.38	0.0
4	31	10	76	999.0	281.4	-2.60	0.0
5	31	10	76	999.0	278.7	-5.57	0.0
6	31	10	76	999.0	281.0	-5.32	0.0
7	31	10	76	999.0	278.4	-4.46	0.0
8	31	10	76	999.0	255.9	-1.16	0.0
9	31	10	76	999.0	86.8	3.76	0.0
10	31	10	76	999.0	69.7	8.04	0.0
11	31	10	76	999.0	83.1	11.02	0.0
12	31	10	76	999.0	276.7	13.31	0.0
13	31	10	76	999.0	256.5	13.91	0.0
14	31	10	76	999.0	279.9	14.30	0.0
15	31	10	76	999.0	279.7	14.25	0.0
16	31	10	76	999.0	289.9	13.91	0.0
17	31	10	76	999.0	272.1	11.42	0.0
18	31	10	76	999.0	296.3	4.11	0.0
19	31	10	76	999.0	290.1	2.27	0.0
20	31	10	76	999.0	289.5	2.11	0.0
21	31	10	76	999.0	222.3	-0.06	0.0
22	31	10	76	999.0	268.7	-1.67	0.0
23	31	10	76	999.0	284.1	-2.72	0.0

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	11	76	999.0	289.9	-2.09	0.0
1	1	11	76	999.0	281.1	-3.59	0.0
2	1	11	76	999.0	271.0	-4.36	0.0
3	1	11	76	999.0	287.4	-3.03	0.0
4	1	11	76	999.0	284.9	-2.27	0.0
5	1	11	76	999.0	276.7	-4.74	0.0
6	1	11	76	999.0	276.7	-5.79	0.0
7	1	11	76	999.0	279.7	-6.09	0.0
8	1	11	76	999.0	254.1	-1.31	0.0
9	1	11	76	999.0	117.7	5.81	0.0
10	1	11	76	999.0	95.6	8.95	0.0
11	1	11	76	999.0	103.1	11.51	0.0
12	1	11	76	999.0	82.3	14.09	0.0
13	1	11	76	999.0	131.7	15.14	0.0
14	1	11	76	999.0	291.6	16.09	0.0
15	1	11	76	999.0	275.3	15.56	0.0
16	1	11	76	999.0	281.8	15.05	0.0
17	1	11	76	999.0	268.3	12.48	0.0
18	1	11	76	999.0	294.1	5.08	0.0
19	1	11	76	999.0	288.9	2.98	0.0
20	1	11	76	999.0	274.9	1.90	0.0
21	1	11	76	999.0	287.9	1.05	0.0
22	1	11	76	999.0	288.4	1.75	0.0
23	1	11	76	999.0	269.1	0.75	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++     +----------------------------------+

 0  2 11 76     999.0   265.7    -1.32       0.0

 1  2 11 76     999.0   289.4    -2.13       0.0

 2  2 11 76     999.0   289.3    -1.79       0.0

 3  2 11 76     999.0   280.8    -0.57       0.0

 4  2 11 76     999.0   285.7    -1.08       0.0

 5  2 11 76     999.0   277.7    -2.28       0.0

 6  2 11 76     999.0   275.6    -3.68       0.0

 7  2 11 76     999.0   277.0    -3.94       0.0

 8  2 11 76     999.0   216.7    -0.18       0.0

 9  2 11 76     999.0   116.2     7.50       0.0

10  2 11 76     999.0    71.2     9.49       0.0

11  2 11 76     999.0   120.3    13.08       0.0

12  2 11 76     999.0   147.6    15.00       0.0

13  2 11 76     999.0    91.9    15.93       0.0

14  2 11 76     999.0    84.7    15.93       0.0

15  2 11 76     999.0   224.7    16.68       0.0

16  2 11 76     999.0   332.5    15.23       0.0

17  2 11 76     999.0   245.3    11.92       0.0

18  2 11 76     999.0   289.0     7.17       0.0

19  2 11 76     999.0   290.3     5.26       0.0

20  2 11 76     999.0   287.6     4.55       0.0

21  2 11 76     999.0   282.1     3.46       0.0

22  2 11 76     999.0   289.9     2.97       0.0

23  2 11 76     999.0   288.1     3.61       0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0  3 11 76     999.0  295.4     3.80      0.0

 1  3 11 76     999.0  271.1     2.53      0.0

 2  3 11 76     999.0  281.4     0.56      0.0

 3  3 11 76     999.0  275.0     0.47      0.0

 4  3 11 76     999.0  282.4     0.08      0.0

 5  3 11 76     999.0  274.6     0.60      0.0

 6  3 11 76     999.0  290.2     0.84      0.0

 7  3 11 76     999.0  278.2    -0.67      0.0

 8  3 11 76     999.0  287.5     2.18      0.0

 9  3 11 76     999.0  238.6     7.64      0.0

10  3 11 76     999.0   94.3     8.70      0.0

11  3 11 76     999.0  118.0     9.97      0.0

12  3 11 76     999.0   55.3    10.66      0.0

13  3 11 76     999.0   69.4    10.85      0.0

14  3 11 76     999.0   23.8    11.77      0.0

15  3 11 76     999.0   47.9    12.04      0.0

16  3 11 76     999.0   62.7    11.28      0.0

17  3 11 76     999.0   60.5    10.16      0.0

18  3 11 76     999.0  275.8     3.13      0.0

19  3 11 76     999.0  281.1     2.44      0.0

20  3 11 76     999.0  288.2     1.74      0.0

21  3 11 76     999.0  290.0     1.01      0.0

22  3 11 76     999.0  284.2     0.81      0.0

23  3 11 76     999.0  284.7     0.12      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	4	11	76	999.0	287.9	-0.12	0.0
1	4	11	76	999.0	293.8	-0.51	0.0
2	4	11	76	999.0	289.7	-0.69	0.0
3	4	11	76	999.0	286.5	-1.38	0.0
4	4	11	76	999.0	287.6	-1.69	0.0
5	4	11	76	999.0	277.6	-4.63	0.0
6	4	11	76	999.0	279.7	-5.86	0.0
7	4	11	76	999.0	273.0	-5.13	0.0
8	4	11	76	999.0	245.6	-2.54	0.0
9	4	11	76	999.0	112.0	3.20	0.0
10	4	11	76	999.0	63.7	7.44	0.0
11	4	11	76	999.0	65.2	11.08	0.0
12	4	11	76	999.0	85.9	13.20	0.0
13	4	11	76	999.0	117.5	14.60	0.0
14	4	11	76	999.0	289.5	15.41	0.0
15	4	11	76	999.0	80.4	14.93	0.0
16	4	11	76	999.0	277.4	15.38	0.0
17	4	11	76	999.0	274.6	11.60	0.0
18	4	11	76	999.0	284.4	5.41	0.0
19	4	11	76	999.0	280.8	3.52	0.0
20	4	11	76	999.0	280.3	2.18	0.0
21	4	11	76	999.0	271.4	1.72	0.0
22	4	11	76	999.0	272.4	0.76	0.0
23	4	11	76	999.0	277.8	-0.97	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0  5 11 76     999.0   269.3   -0.79      0.0

 1  5 11 76     999.0   274.4   -0.79      0.0

 2  5 11 76     999.0   284.0   -0.69      0.0

 3  5 11 76     999.0   273.5   -1.97      0.0

 4  5 11 76     999.0   267.7   -1.97      0.0

 5  5 11 76     999.0   279.1   -3.89      0.0

 6  5 11 76     999.0   266.2   -3.12      0.0

 7  5 11 76     999.0   271.3   -3.02      0.0

 8  5 11 76     999.0   270.9   -2.16      0.0

 9  5 11 76     999.0   187.1    6.36      0.0

10  5 11 76     999.0    74.2    9.21      0.0

11  5 11 76     999.0    73.6   12.88      0.0

12  5 11 76     999.0    68.6   15.33      0.0

13  5 11 76     999.0    89.9   17.07      0.0

14  5 11 76     999.0    95.3   17.47      0.0

15  5 11 76     999.0   104.3   17.81      0.0

16  5 11 76     999.0    62.1   17.03      0.0

17  5 11 76     999.0   143.9   13.18      0.0

18  5 11 76     999.0   283.2    6.34      0.0

19  5 11 76     999.0   288.4    4.36      0.0

20  5 11 76     999.0   288.9    3.26      0.0

21  5 11 76     999.0   285.9    2.87      0.0

22  5 11 76     999.0   284.4    2.34      0.0

23  5 11 76     999.0   285.7    0.66      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	11	76	999.0	281.9	-1.61	0.0
1	6	11	76	999.0	280.2	-1.41	0.0
2	6	11	76	999.0	271.9	-2.30	0.0
3	6	11	76	999.0	277.7	-3.18	0.0
4	6	11	76	999.0	274.8	-3.92	0.0
5	6	11	76	999.0	274.6	-4.21	0.0
6	6	11	76	999.0	285.9	-3.69	0.0
7	6	11	76	999.0	276.9	-4.23	0.0
8	6	11	76	999.0	269.7	-0.44	0.0
9	6	11	76	999.0	104.4	6.16	0.0
10	6	11	76	999.0	101.1	9.64	0.0
11	6	11	76	999.0	105.9	12.73	0.0
12	6	11	76	999.0	66.6	14.44	0.0
13	6	11	76	999.0	113.9	15.21	0.0
14	6	11	76	999.0	67.8	15.78	0.0
15	6	11	76	999.0	52.9	15.63	0.0
16	6	11	76	999.0	45.6	14.95	0.0
17	6	11	76	999.0	11.8	13.20	0.0
18	6	11	76	999.0	61.7	11.58	0.0
19	6	11	76	999.0	277.9	7.14	0.0
20	6	11	76	999.0	283.6	4.97	0.0
21	6	11	76	999.0	291.0	2.76	0.0
22	6	11	76	999.0	293.0	2.28	0.0
23	6	11	76	999.0	289.3	1.56	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++    +--------------------------------+

 0  7 11 76    999.0   288.6     0.85      0.0

 1  7 11 76    999.0   293.8    -0.21      0.0

 2  7 11 76    999.0   278.7    -1.29      0.0

 3  7 11 76    999.0   287.3    -2.08      0.0

 4  7 11 76    999.0   282.8    -2.47      0.0

 5  7 11 76    999.0   272.8    -3.46      0.0

 6  7 11 76    999.0   276.8    -3.95      0.0

 7  7 11 76    999.0   278.2    -3.72      0.0

 8  7 11 76    999.0   264.9    -1.00      0.0

 9  7 11 76    999.0   106.9     4.64      0.0

10  7 11 76    999.0    99.0     7.68      0.0

11  7 11 76    999.0   103.8    10.92      0.0

12  7 11 76    999.0    97.2    13.08      0.0

13  7 11 76    999.0   138.1    15.51      0.0

14  7 11 76    999.0   276.0    15.76      0.0

15  7 11 76    999.0   276.0    15.40      0.0

16  7 11 76    999.0   256.9    15.38      0.0

17  7 11 76    999.0   265.5    10.91      0.0

18  7 11 76    999.0   287.0     5.97      0.0

19  7 11 76    999.0   290.2     3.72      0.0

20  7 11 76    999.0   287.1     2.96      0.0

21  7 11 76    999.0   274.8     1.61      0.0

22  7 11 76    999.0   282.9     0.95      0.0

23  7 11 76    999.0   278.3     1.61      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	11	76	999.0	286.1	-1.02	0.0
1	8	11	76	999.0	277.4	-1.30	0.0
2	8	11	76	999.0	281.0	-2.76	0.0
3	8	11	76	999.0	283.1	-2.10	0.0
4	8	11	76	999.0	281.8	-2.88	0.0
5	8	11	76	999.0	280.3	-4.03	0.0
6	8	11	76	999.0	277.5	-2.80	0.0
7	8	11	76	999.0	276.4	-1.56	0.0
8	8	11	76	999.0	271.4	0.26	0.0
9	8	11	76	999.0	261.2	4.78	0.0
10	8	11	76	999.0	116.3	10.12	0.0
11	8	11	76	999.0	266.5	15.26	0.0
12	8	11	76	999.0	276.2	15.71	0.0
13	8	11	76	999.0	274.8	15.47	0.0
14	8	11	76	999.0	282.6	15.24	0.0
15	8	11	76	999.0	273.5	15.64	0.0
16	8	11	76	999.0	274.1	14.70	0.0
17	8	11	76	999.0	287.1	10.79	0.0
18	8	11	76	999.0	286.0	6.52	0.0
19	8	11	76	999.0	269.7	3.39	0.0
20	8	11	76	999.0	283.9	1.54	0.0
21	8	11	76	999.0	278.8	-0.15	0.0
22	8	11	76	999.0	284.8	-0.05	0.0
23	8	11	76	999.0	276.4	2.14	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++    +-----------------------------------+

 0  9 11 76     999.0   280.0     1.42      0.0

 1  9 11 76     999.0   288.7     1.67      0.0

 2  9 11 76     999.0   305.2    -2.45      0.0

 3  9 11 76     999.0   271.1    -3.76      0.0

 4  9 11 76     999.0   275.7    -3.68      0.0

 5  9 11 76     999.0   276.1    -5.50      0.0

 6  9 11 76     999.0   280.1    -3.07      0.0

 7  9 11 76     999.0   287.0    -2.12      0.0

 8  9 11 76     999.0   274.1     0.38      0.0

 9  9 11 76     999.0    87.0     3.37      0.0

10  9 11 76     999.0    92.4     8.63      0.0

11  9 11 76     999.0    66.6    12.33      0.0

12  9 11 76     999.0    72.6    13.54      0.0

13  9 11 76     999.0   113.9    14.50      0.0

14  9 11 76     999.0   106.5    15.06      0.0

15  9 11 76     999.0   111.8    15.56      0.0

16  9 11 76     999.0    81.3    14.48      0.0

17  9 11 76     999.0   235.6     9.31      0.0

18  9 11 76     999.0   999.0   999.00    999.00

19  9 11 76     999.0   287.1     3.03      0.0

20  9 11 76     999.0   282.4     2.20      0.0

21  9 11 76     999.0   274.8     1.26      0.0

22  9 11 76     999.0   297.4     1.11      0.0

23  9 11 76     999.0   277.4    -1.61      0.0
```

```
              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 10 11 76    999.0   289.1   -0.09      0.0

 1 10 11 76    999.0   283.5    0.10      0.0

 2 10 11 76    999.0   295.5   -1.10      0.0

 3 10 11 76    999.0   273.6   -2.42      0.0

 4 10 11 76    999.0   278.5   -2.87      0.0

 5 10 11 76    999.0   277.4   -1.79      0.0

 6 10 11 76    999.0   271.2   -2.74      0.0

 7 10 11 76    999.0   270.2   -1.80      0.0

 8 10 11 76    999.0   266.8    0.29      0.0

 9 10 11 76    999.0   105.4    5.58      0.0

10 10 11 76    999.0   291.3   11.99      0.0

11 10 11 76    999.0   272.0   12.52      0.0

12 10 11 76    999.0   271.1   12.62      0.0

13 10 11 76    999.0   278.3   12.06      0.0

14 10 11 76    999.0   297.3   11.33      0.0

15 10 11 76    999.0   274.7   10.95      0.0

16 10 11 76    999.0   324.8   10.05      0.0

17 10 11 76    999.0   270.5    7.21      0.0

18 10 11 76    999.0   280.4    4.67      0.0

19 10 11 76    999.0   283.0    2.34      0.0

20 10 11 76    999.0   280.7   -0.30      0.0

21 10 11 76    999.0   275.4   -1.46      0.0

22 10 11 76    999.0   292.4   -1.55      0.0

23 10 11 76    999.0   283.0   -2.20      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR    WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 11 11 76   999.0   281.6   -2.80     0.0

 1 11 11 76   999.0   282.7   -5.31     0.0

 2 11 11 76   999.0   288.3   -4.96     0.0

 3 11 11 76   999.0   293.7   -4.92     0.0

 4 11 11 76   999.0   278.1   -6.94     0.0

 5 11 11 76   999.0   279.3   -6.77     0.0

 6 11 11 76   999.0   279.5   -7.31     0.0

 7 11 11 76   999.0   275.5   -7.59     0.0

 8 11 11 76   999.0   274.2   -4.98     0.0

 9 11 11 76   999.0    92.5   -1.08     0.0

10 11 11 76   999.0   104.4    2.05     0.0

11 11 11 76   999.0    96.0    5.07     0.0

12 11 11 76   999.0    78.1    6.49     0.0

13 11 11 76   999.0    46.1    7.77     0.0

14 11 11 76   999.0    57.1    8.06     0.0

15 11 11 76   999.0    60.7    8.13     0.0

16 11 11 76   999.0    52.8    7.16     0.0

17 11 11 76   999.0    31.3    4.65     0.0

18 11 11 76   999.0   283.4   -1.09     0.0

19 11 11 76   999.0   290.1   -2.41     0.0

20 11 11 76   999.0   283.1   -3.56     0.0

21 11 11 76   999.0   279.0   -4.09     0.0

22 11 11 76   999.0   281.8   -4.75     0.0

23 11 11 76   999.0   286.5   -5.22     0.0
```

```
                  METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 12 11 76     999.0   279.3   -6.77      0.0

 1 12 11 76     999.0   279.5   -7.22      0.0

 2 12 11 76     999.0   279.3   -8.29      0.0

 3 12 11 76     999.0   279.9   -9.36      0.0

 4 12 11 76     999.0   253.7   -9.54      0.0

 5 12 11 76     999.0   269.7  -10.50      0.0

 6 12 11 76     999.0   283.1  -11.50      0.0

 7 12 11 76     999.0   284.7  -11.70      0.0

 8 12 11 76     999.0   281.1  -10.50      0.0

 9 12 11 76     999.0     8.8   -6.23      0.0

10 12 11 76     999.0    26.5   -3.86      0.0

11 12 11 76       2.9    70.2   -2.79      0.0

12 12 11 76       1.9    52.8   -0.90      0.0

13 12 11 76       1.5    41.1   -0.90      0.0

14 12 11 76       1.5    48.4    0.31      0.0

15 12 11 76       0.9    51.4    0.28      0.0

16 12 11 76       3.2    72.3    0.53      0.0

17 12 11 76       1.1    87.3   -1.20      0.0

18 12 11 76       5.8   284.2   -3.98      0.0

19 12 11 76       6.4   282.6   -4.95      0.0

20 12 11 76       6.4   291.3   -5.49      0.0

21 12 11 76       4.7   290.5   -4.90      0.0

22 12 11 76       4.5   283.9   -4.31      0.0

23 12 11 76       6.3   298.9   -6.38      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  THREE

             METEOROLOGICAL  DATA
HR DY  MO  YR      WS10  WDR10    AT10     PREC
++ ++  ++  ++    +-----------------------------+

 0 13  11  76      6.1   289.3   -7.15      0.0

 1 13  11  76      5.6   275.4   -7.14      0.0

 2 13  11  76      4.4   281.1   -6.35      0.0

 3 13  11  76      3.0   271.6   -6.61      0.0

 4 13  11  76      4.6   292.0   -5.94      0.0

 5 13  11  76      2.4   283.5   -4.94      0.0

 6 13  11  76      1.2   297.6   -4.10      0.0

 7 13  11  76      1.5    67.8   -4.93      0.0

 8 13  11  76      2.6   266.1   -5.21      0.0

 9 13  11  76      2.2   130.5   -1.25      0.0

10 13  11  76      8.8   235.9    2.51      0.0

11 13  11  76      6.5   239.3    3.05      0.0

12 13  11  76      8.7   268.1    2.09      0.0

13 13  11  76      6.2   221.8    2.43      0.0

14 13  11  76      6.3   224.0    3.56      0.0

15 13  11  76      9.3   253.8    4.77      0.0

16 13  11  76      7.9   253.5    4.40      0.0

17 13  11  76      6.6   254.0    2.38      0.0

18 13  11  76      8.1   270.9   -0.63      0.0

19 13  11  76      5.1   274.2   -2.92      0.0

20 13  11  76      0.6   292.6   -5.69      0.0

21 13  11  76      4.0   242.1   -3.60      0.0

22 13  11  76      2.1   257.6   -3.16      0.0

23 13  11  76      4.0   284.5   -5.69      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 14 11 76      4.5  285.7   -7.30      0.0

 1 14 11 76      5.3  277.1   -6.65      0.0

 2 14 11 76      4.3  282.1   -7.07      0.0

 3 14 11 76     11.4  261.4   -2.13      0.0

 4 14 11 76      7.7  269.4   -4.14      0.0

 5 14 11 76      1.6  277.9   -6.47      0.0

 6 14 11 76      4.4  280.4   -6.72      0.0

 7 14 11 76      5.7  275.3   -6.97      0.0

 8 14 11 76      4.2  269.9   -5.12      0.0

 9 14 11 76      8.9  249.7    2.57      0.0

10 14 11 76     11.9  269.1    4.51      0.0

11 14 11 76      7.6  211.6    4.29      0.0

12 14 11 76     12.6  261.4    5.14      0.0

13 14 11 76      9.8  271.1    4.51      0.0

14 14 11 76     12.2  287.8    5.33      0.0

15 14 11 76      6.4  262.1    4.60      0.0

16 14 11 76      8.3  292.5    5.05      0.0

17 14 11 76      3.6  282.4    2.15      0.0

18 14 11 76      4.1  255.5    2.04      0.0

19 14 11 76      3.0  270.7    2.07      0.0

20 14 11 76      5.9  273.6    0.88      0.0

21 14 11 76      5.4  283.5   -0.63      0.0

22 14 11 76      0.8  292.7   -2.23      0.0

23 14 11 76      6.1  275.0   -5.12      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 15 11 76      7.2   285.9   -5.81      0.0

 1 15 11 76      8.3   293.5   -5.88      0.0

 2 15 11 76      7.3   292.1   -5.97      0.0

 3 15 11 76      7.5   281.1   -7.07      0.0

 4 15 11 76      8.5   286.7   -7.88      0.0

 5 15 11 76      7.2   284.1   -8.18      0.0

 6 15 11 76      5.9   276.6   -9.04      0.0

 7 15 11 76      7.1   284.1   -9.27      0.0

 8 15 11 76      6.2   276.9   -7.86      0.0

 9 15 11 76      2.1   236.4   -1.46      0.0

10 15 11 76      3.4    92.4    1.43      0.0

11 15 11 76      6.2    93.6    2.04      0.0

12 15 11 76      6.4    85.2    3.44      0.0

13 15 11 76      4.0   148.1    5.08      0.0

14 15 11 76      5.2   237.1    6.40      0.0

15 15 11 76      6.8   274.2    6.43      0.0

16 15 11 76      8.8   265.1    5.77      0.0

17 15 11 76      5.0   250.7    2.95      0.0

18 15 11 76      6.1   287.1   -1.78      0.0

19 15 11 76      7.0   294.0   -3.54      0.0

20 15 11 76      5.9   293.7   -2.51      0.0

21 15 11 76      6.4   289.3   -1.95      0.0

22 15 11 76      6.2   290.2   -0.50      0.0

23 15 11 76      4.3   273.7   -0.54      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

```
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +---------------------------------+

 0 16 11 76     2.7   280.4   -0.25     0.0

 1 16 11 76     2.6   297.3    1.66     0.0

 2 16 11 76     4.2   283.8    1.50     0.0

 3 16 11 76     2.3   284.5   -1.54     0.0

 4 16 11 76     5.1   280.7   -2.59     0.0

 5 16 11 76     6.1   281.1   -3.38     0.0

 6 16 11 76     5.8   284.2   -2.63     0.0

 7 16 11 76     5.1   290.5   -1.88     0.0

 8 16 11 76     4.8   283.2   -1.70     0.0

 9 16 11 76     4.2    45.8    1.76     0.0

10 16 11 76     6.1    98.6    3.09     0.0

11 16 11 76     7.4    66.7    4.40     0.0

12 16 11 76     6.5    77.5    5.06     0.0

13 16 11 76     5.6    65.4    6.40     0.0

14 16 11 76     7.2    87.3    6.45     0.0

15 16 11 76     5.9   103.8    6.79     0.0

16 16 11 76     3.6   121.4    6.80     0.0

17 16 11 76     4.9   273.2    2.07     0.0

18 16 11 76     6.5   286.8   -0.41     0.0

19 16 11 76     6.9   281.7   -2.09     0.0

20 16 11 76     7.7   283.8   -2.76     0.0

21 16 11 76     7.6   286.6   -2.93     0.0

22 16 11 76     5.8   276.6   -3.91     0.0

23 16 11 76     4.6   279.1   -4.04     0.0
```

```
            METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++     +------------------------------+

 0 17 11 76       5.8   270.5    -5.00       0.0

 1 17 11 76       4.7   276.9    -5.32       0.0

 2 17 11 76       5.5   275.4    -6.51       0.0

 3 17 11 76       6.5   275.4    -5.56       0.0

 4 17 11 76       6.1   269.2    -6.47       0.0

 5 17 11 76       4.8   283.2    -7.05       0.0

 6 17 11 76       5.7   276.0    -7.02       0.0

 7 17 11 76       5.6   269.4    -7.42       0.0

 8 17 11 76       5.5   274.3    -5.33       0.0

 9 17 11 76       1.9   127.9     1.58       0.0

10 17 11 76       4.6    94.9     5.07       0.0

11 17 11 76       6.0    79.1     7.69       0.0

12 17 11 76       5.8    60.7     9.90       0.0

13 17 11 76       4.5    91.5    12.08       0.0

14 17 11 76       3.9   131.7    13.47       0.0

15 17 11 76       4.0    56.1    13.67       0.0

16 17 11 76       5.6    74.7    13.46       0.0

17 17 11 76       1.9   171.7     8.92       0.0

18 17 11 76       7.1   290.6     3.64       0.0

19 17 11 76       6.6   290.0     1.76       0.0

20 17 11 76       7.1   290.4     1.07       0.0

21 17 11 76       7.2   281.4     0.33       0.0

22 17 11 76       6.8   266.6    -0.56       0.0

23 17 11 76       6.8   278.0    -1.53       0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 18 11 76       6.5  275.2   -1.66      0.0

 1 18 11 76       5.8  275.7   -2.55      0.0

 2 18 11 76       7.5  263.6   -2.56      0.0

 3 18 11 76       6.8  271.8   -2.84      0.0

 4 18 11 76       4.7  280.9   -3.67      0.0

 5 18 11 76       8.1  282.0   -4.25      0.0

 6 18 11 76       6.0  277.5   -3.48      0.0

 7 18 11 76       7.4  273.6   -4.70      0.0

 8 18 11 76       4.0  276.0   -0.62      0.0

 9 18 11 76       3.1  116.5    3.56      0.0

10 18 11 76       4.8   94.6    9.11      0.0

11 18 11 76       7.3   89.3   10.44      0.0

12 18 11 76       7.4  104.5   12.03      0.0

13 18 11 76       6.5  109.7   12.99      0.0

14 18 11 76       4.6  127.5   13.38      0.0

15 18 11 76       4.2  112.7   13.87      0.0

16 18 11 76       3.9   92.1   13.55      0.0

17 18 11 76       4.5  274.1    7.20      0.0

18 18 11 76       7.8  286.0    4.76      0.0

19 18 11 76       7.9  291.5    2.73      0.0

20 18 11 76       8.2  288.1    1.63      0.0

21 18 11 76       6.4  277.9    0.39      0.0

22 18 11 76       7.0  283.2    0.75      0.0

23 18 11 76       7.6  280.8    0.34      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +----------------------------------+

 0 19 11 76      5.4  285.1   -1.43      0.0

 1 19 11 76      6.6  279.4   -2.73      0.0

 2 19 11 76      7.0  275.5   -3.52      0.0

 3 19 11 76      7.6  285.4   -2.72      0.0

 4 19 11 76      6.1  275.6   -3.56      0.0

 5 19 11 76      6.9  282.0   -3.53      0.0

 6 19 11 76      4.5  284.5   -4.28      0.0

 7 19 11 76      5.8  270.7   -6.19      0.0

 8 19 11 76      6.2  276.5   -4.07      0.0

 9 19 11 76      2.4  218.8    2.68      0.0

10 19 11 76      6.4   68.2    6.28      0.0

11 19 11 76      6.1   74.9    9.26      0.0

12 19 11 76      3.4  158.4   12.06      0.0

13 19 11 76      7.4   65.0   11.47      0.0

14 19 11 76      5.5   92.7   12.25      0.0

15 19 11 76      9.3  258.9   12.26      0.0

16 19 11 76      9.9  257.0   12.03      0.0

17 19 11 76      3.3  284.1    6.73      0.0

18 19 11 76      6.6  282.9    2.33      0.0

19 19 11 76      8.6  282.3    0.15      0.0

20 19 11 76      8.2  279.1   -0.34      0.0

21 19 11 76      7.7  278.1   -0.81      0.0

22 19 11 76      6.6  273.8   -0.90      0.0

23 19 11 76      7.1  279.5   -1.34      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

                 METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +------------------------------+

 0 20 11 76      6.8  287.5   -1.99      0.0

 1 20 11 76      6.5  288.8   -1.99      0.0

 2 20 11 76      7.4  288.4   -2.49      0.0

 3 20 11 76      7.9  289.0   -3.00      0.0

 4 20 11 76      7.9  292.4   -3.00      0.0

 5 20 11 76      7.4  288.0   -3.98      0.0

 6 20 11 76      6.6  290.1   -4.01      0.0

 7 20 11 76      5.4  281.4   -5.91      0.0

 8 20 11 76      5.6  271.5   -3.29      0.0

 9 20 11 76      3.2  100.7    2.52      0.0

10 20 11 76      6.0   86.9    5.10      0.0

11 20 11 76      6.1   94.8    6.90      0.0

12 20 11 76      8.1   95.4    9.15      0.0

13 20 11 76      7.5  101.0    9.88      0.0

14 20 11 76      4.9   86.9   10.28      0.0

15 20 11 76      5.9  260.5   11.23      0.0

16 20 11 76      3.4  265.8   10.17      0.0

17 20 11 76      6.4  285.5    4.17      0.0

18 20 11 76    999.0  999.0  999.00      0.0

19 20 11 76      8.4  299.9   -0.04      0.0

20 20 11 76      4.9  270.6   -1.60      0.0

21 20 11 76      7.8  282.1   -2.13      0.0

22 20 11 76      7.9  276.8   -2.71      0.0

23 20 11 76      6.0  282.2   -5.55      0.0
```

```
             METEOROLOGICAL  DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 21 11 76       7.4   284.0    -6.06      0.0

 1 21 11 76       7.1   285.7    -6.36      0.0

 2 21 11 76       6.4   278.0    -7.89      0.0

 3 21 11 76       6.6   279.3    -7.75      0.0

 4 21 11 76       6.5   277.7    -7.99      0.0

 5 21 11 76       5.8   282.0    -8.87      0.0

 6 21 11 76       6.3   277.3   -10.30      0.0

 7 21 11 76       6.6   279.9    -8.83      0.0

 8 21 11 76       5.7   270.8    -7.18      0.0

 9 21 11 76       4.3   104.4    -3.22      0.0

10 21 11 76       4.3    76.9     1.13      0.0

11 21 11 76       3.4    96.0     5.16      0.0

12 21 11 76       5.1    77.2     7.65      0.0

13 21 11 76       6.6    75.3     9.21      0.0

14 21 11 76       6.4    66.9     9.87      0.0

15 21 11 76       7.1    65.5     9.72      0.0

16 21 11 76       5.9    91.3     9.32      0.0

17 21 11 76       4.1   265.6     2.73      0.0

18 21 11 76       7.4   290.4    -0.13      0.0

19 21 11 76       7.6   289.7    -1.65      0.0

20 21 11 76       8.3   293.8    -2.51      0.0

21 21 11 76       7.7   288.0    -3.12      0.0

22 21 11 76       3.4   273.0    -5.23      0.0

23 21 11 76       7.1   272.3    -4.51      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	22	11	76	5.7	271.3	-4.81	0.0
1	22	11	76	6.9	280.2	-4.90	0.0
2	22	11	76	6.0	280.6	-4.49	0.0
3	22	11	76	7.4	279.3	-4.66	0.0
4	22	11	76	4.1	261.1	-5.44	0.0
5	22	11	76	2.7	263.2	-7.40	0.0
6	22	11	76	4.1	269.3	-6.67	0.0
7	22	11	76	5.1	284.2	-7.42	0.0
8	22	11	76	3.3	278.6	-6.60	0.0
9	22	11	76	2.3	96.2	-1.05	0.0
10	22	11	76	6.4	107.1	2.53	0.0
11	22	11	76	4.4	121.2	5.58	0.0
12	22	11	76	4.7	105.5	8.04	0.0
13	22	11	76	10.3	273.3	10.47	0.0
14	22	11	76	11.8	259.4	11.18	0.0
15	22	11	76	9.7	256.2	11.44	0.0
16	22	11	76	9.0	274.7	10.53	0.0
17	22	11	76	4.9	268.8	6.28	0.0
18	22	11	76	8.0	282.2	1.38	0.0
19	22	11	76	7.0	278.2	0.17	0.0
20	22	11	76	6.0	262.0	-2.40	0.0
21	22	11	76	8.5	276.6	-2.18	0.0
22	22	11	76	3.5	250.8	-4.23	0.0
23	22	11	76	5.8	281.0	-5.44	0.0

```
  RIO BLANCO OIL SHALE PROJECT  SITE THREE

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +----------------------------+

 0 23 11 76      7.3  289.0    -3.91     0.0

 1 23 11 76      7.9  282.6    -4.53     0.0

 2 23 11 76      8.2  284.6    -4.87     0.0

 3 23 11 76      7.8  292.3    -4.85     0.0

 4 23 11 76      7.9  284.9    -5.16     0.0

 5 23 11 76      7.6  284.0    -6.05     0.0

 6 23 11 76      7.3  286.0    -6.03     0.0

 7 23 11 76      7.8  286.9    -6.64     0.0

 8 23 11 76      5.9  278.7    -6.00     0.0

 9 23 11 76      2.8  222.2     0.61     0.0

10 23 11 76      4.7  107.0     4.39     0.0

11 23 11 76      6.9   82.5     6.79     0.0

12 23 11 76      5.5   67.8     8.34     0.0

13 23 11 76      4.2  111.2     9.97     0.0

14 23 11 76      3.6   88.2    11.24     0.0

15 23 11 76      5.8  267.3    11.15     0.0

16 23 11 76      8.0  253.7    12.04     0.0

17 23 11 76      4.9  276.0     6.05     0.0

18 23 11 76      5.1  281.4     0.22     0.0

19 23 11 76      8.0  283.5    -2.47     0.0

20 23 11 76      8.5  291.9    -2.66     0.0

21 23 11 76      7.9  293.9    -2.74     0.0

22 23 11 76      7.7  284.0    -3.28     0.0

23 23 11 76      7.3  276.5    -4.17     0.0
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE THREE

                  METEOROLOGICAL DATA
   HR DY MO YR      WS10   WDR10    AT10      PREC
   ++ ++ ++ ++    +-----------------------------------+

    0 24 11 76       6.9   271.0    -3.93      0.0

    1 24 11 76       5.4   278.0    -4.85      0.0

    2 24 11 76       5.3   283.4    -6.87      0.0

    3 24 11 76       4.9   278.8    -7.95      0.0

    4 24 11 76       7.1   273.8    -7.12      0.0

    5 24 11 76       7.1   270.0    -7.27      0.0

    6 24 11 76       5.7   283.0    -6.69      0.0

    7 24 11 76       5.4   281.8    -7.20      0.0

    8 24 11 76       5.7   274.2    -6.68      0.0

    9 24 11 76       3.0   275.5    -0.33      0.0

   10 24 11 76       4.6    92.2     4.53      0.0

   11 24 11 76       6.2    65.1     7.63      0.0

   12 24 11 76       7.7   245.7    11.41      0.0

   13 24 11 76      10.8   248.8    11.68      0.0

   14 24 11 76      10.3   285.3    11.91      0.0

   15 24 11 76      10.2   280.5    12.00      0.0

   16 24 11 76       6.4   251.1    12.19      0.0

   17 24 11 76       7.4   266.7     5.30      0.0

   18 24 11 76       8.8   264.9     0.27      0.0

   19 24 11 76       8.1   289.7    -1.64      0.0

   20 24 11 76       7.6   282.4    -2.96      0.0

   21 24 11 76       7.7   291.3    -4.50      0.0

   22 24 11 76       4.4   278.8    -6.19      0.0

   23 24 11 76       7.2   281.5    -5.57      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

            METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 25 11 76       7.4  287.8   -4.97      0.0

 1 25 11 76       5.6  267.6   -6.01      0.0

 2 25 11 76       7.4  283.3   -5.99      0.0

 3 25 11 76       2.4   12.5   -4.47      0.0

 4 25 11 76       3.9  279.9   -3.18      0.0

 5 25 11 76       2.9   85.3   -3.68      0.0

 6 25 11 76       2.6  262.5   -4.64      0.0

 7 25 11 76       3.6  276.3   -5.57      0.0

 8 25 11 76       6.5  265.9   -4.18      0.0

 9 25 11 76       4.0  261.8   -1.49      0.0

10 25 11 76       3.3   75.9    4.12      0.0

11 25 11 76      11.9  275.9    7.40      0.0

12 25 11 76      18.3  263.3    9.01      0.0

13 25 11 76      19.7  272.5    9.74      0.0

14 25 11 76      20.4  275.8    9.54      0.0

15 25 11 76      15.3  278.5    9.27      0.0

16 25 11 76      14.1  270.1    8.90      0.0

17 25 11 76       6.8  251.5    5.81      0.0

18 25 11 76       9.6  254.5    4.37      0.0

19 25 11 76      17.4  271.8    6.44      0.0

20 25 11 76      10.0  261.5    5.35      0.0

21 25 11 76       5.4  265.4    1.84      0.0

22 25 11 76       3.8  266.7   -0.41      0.0

23 25 11 76       9.1  271.1    3.51      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------------+

 0 26 11 76       9.3   52.6     1.20     0.0

 1 26 11 76       7.2  103.8    -2.65     0.0

 2 26 11 76       1.6  205.5    -3.80     0.0

 3 26 11 76       4.6  258.7    -3.35     0.0

 4 26 11 76      13.2  299.9    -2.70     0.0

 5 26 11 76      10.5  351.1    -5.06     0.0

 6 26 11 76       6.4   15.9    -7.38     0.0

 7 26 11 76       6.7   52.4    -8.40     0.0

 8 26 11 76       5.3   76.6    -9.40     0.0

 9 26 11 76       7.6   54.3    -8.67     0.0

10 26 11 76       7.4   40.2    -8.51     0.0

11 26 11 76       9.4   51.9    -8.14     0.0

12 26 11 76       8.4   58.3    -8.00     0.0

13 26 11 76       6.8   40.6    -7.64     0.0

14 26 11 76       7.8   23.7    -7.47     0.0

15 26 11 76       8.4   51.1    -7.80     0.0

16 26 11 76       8.4   44.8    -7.88     0.0

17 26 11 76       6.6   35.9    -9.61     0.0

18 26 11 76       5.6   54.3   -10.80     0.0

19 26 11 76       6.3   32.1   -11.90     0.0

20 26 11 76       3.1   32.6   -13.00     0.0

21 26 11 76       1.6  243.4   -15.20     0.0

22 26 11 76       2.3  184.4   -15.70     0.0

23 26 11 76       2.0  103.6   -16.50     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE THREE

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	11	76	2.5	10.0	-16.80	0.0
1	27	11	76	3.8	23.6	-17.40	0.0
2	27	11	76	2.5	39.4	-17.70	0.0
3	27	11	76	1.9	243.2	-18.90	0.0
4	27	11	76	1.6	155.1	-19.60	0.0
5	27	11	76	2.1	295.1	-20.50	0.0
6	27	11	76	3.3	280.0	-21.90	0.0
7	27	11	76	4.0	263.2	-23.00	0.0
8	27	11	76	1.6	201.2	-20.90	0.0
9	27	11	76	6.1	22.7	-17.30	0.0
10	27	11	76	6.5	23.3	-16.40	0.0
11	27	11	76	9.1	61.3	-14.80	0.0
12	27	11	76	9.6	54.5	-14.00	0.0
13	27	11	76	10.0	42.6	-13.20	0.0
14	27	11	76	8.3	44.9	-12.90	0.0
15	27	11	76	6.7	30.7	-12.80	0.0
16	27	11	76	7.1	62.2	-13.10	0.0
17	27	11	76	2.9	15.8	-15.20	0.0
18	27	11	76	7.8	285.4	-21.00	0.0
19	27	11	76	8.4	278.1	-21.70	0.0
20	27	11	76	7.7	281.5	-22.40	0.0
21	27	11	76	8.1	284.6	-22.80	0.0
22	27	11	76	7.0	281.5	-23.00	0.0
23	27	11	76	7.8	285.5	-23.10	0.0

```
   RIO BLANCO OIL SHALE PROJECT  SITE THREE

                    METEOROLOGICAL DATA
  HR DY MO YR      WS10  WDR10    AT10      PREC
  ++ ++ ++ ++    +---------------------------------+

   0 28 11 76       7.6  292.0  -23.30       0.0

   1 28 11 76       7.8  287.5  -23.40       0.0

   2 28 11 76       5.6  278.6  -24.00       0.0

   3 28 11 76       4.2  285.9  -25.10       0.0

   4 28 11 76       5.5  276.1  -25.10       0.0

   5 28 11 76       5.3  277.4  -24.50       0.0

   6 28 11 76       4.5  277.7  -24.40       0.0

   7 28 11 76       5.0  268.9  -24.60       0.0

   8 28 11 76       1.9   98.0  -25.30       0.0

   9 28 11 76       3.6  109.0  -19.40       0.0

  10 28 11 76       5.2   93.9  -15.60       0.0

  11 28 11 76       6.0   76.3  -11.60       0.0

  12 28 11 76       8.6   72.1   -9.62       0.0

  13 28 11 76       4.8   85.9   -7.84       0.0

  14 28 11 76       4.9  100.3   -6.74       0.0

  15 28 11 76       8.8  259.0   -6.05       0.0

  16 28 11 76       8.2  276.0   -7.07       0.0

  17 28 11 76       3.5  269.9   -8.14       0.0

  18 28 11 76       5.4  289.4  -11.10       0.0

  19 28 11 76       3.6  277.2  -11.20       0.0

  20 28 11 76       5.3  272.4  -12.90       0.0

  21 28 11 76       6.3  287.1  -14.90       0.0

  22 28 11 76       6.0  279.7  -14.10       0.0

  23 28 11 76       4.0  262.6  -15.30       0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 29 11 76      2.7  269.2  -14.80     0.0

 1 29 11 76      3.4  282.2  -12.90     0.0

 2 29 11 76      2.9  302.0  -11.70     0.0

 3 29 11 76      2.0  270.6  -11.60     0.0

 4 29 11 76      4.0  266.1  -13.60     0.0

 5 29 11 76      5.1  278.6  -14.40     0.0

 6 29 11 76      3.4  275.4  -12.70     0.0

 7 29 11 76      3.5  269.6  -12.90     0.0

 8 29 11 76      3.1  267.6  -11.80     0.0

 9 29 11 76      2.9   87.5   -7.51     0.0

10 29 11 76      4.5   70.3   -5.42     0.0

11 29 11 76      4.6   71.7   -2.95     0.0

12 29 11 76      6.0  112.3   -1.35     0.0

13 29 11 76      3.0  156.8    0.73     0.0

14 29 11 76      5.8  313.1    1.30     0.0

15 29 11 76      4.1  332.5    1.55     0.0

16 29 11 76      5.1   38.7    0.98     0.0

17 29 11 76      5.2  355.0   -0.17     0.0

18 29 11 76      5.3  291.9   -2.31     0.0

19 29 11 76      6.3  277.9   -5.82     0.0

20 29 11 76      7.1  288.5   -7.38     0.0

21 29 11 76      6.8  277.4   -7.56     0.0

22 29 11 76      3.4   81.2   -7.92     0.0

23 29 11 76      3.4  270.8   -8.99     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE THREE

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10      PREC
++ ++ ++ ++    +----------------------------------+

 0 30 11 76      4.0  267.4  -11.00       0.0

 1 30 11 76      6.6  283.5  -10.40       0.0

 2 30 11 76      5.6  283.4  -11.00       0.0

 3 30 11 76      3.2  255.5  -11.40       0.0

 4 30 11 76      6.1  283.2  -12.20       0.0

 5 30 11 76      6.0  275.4  -12.40       0.0

 6 30 11 76      7.8  283.7  -12.50       0.0

 7 30 11 76      6.0  274.7  -12.80       0.0

 8 30 11 76      6.0  276.8  -12.70       0.0

 9 30 11 76      2.8  213.1   -6.28       0.0

10 30 11 76      3.8  104.8   -2.37       0.0

11 30 11 76     11.0  274.9    1.70       0.0

12 30 11 76      7.1  241.3    3.27       0.0

13 30 11 76      6.0  242.2    4.38       0.0

14 30 11 76      5.7  298.7    5.11       0.0

15 30 11 76      7.8  298.1    4.02       0.0

16 30 11 76      2.1  229.5    2.87       0.0

17 30 11 76      5.2  250.7    2.02       0.0

18 30 11 76      3.7  326.5    1.04       0.0

19 30 11 76    999.0  999.0  999.00       0.0

20 30 11 76    999.0  999.0  999.00       0.0

21 30 11 76    999.0  999.0  999.00       0.0

22 30 11 76    999.0  999.0  999.00       0.0

23 30 11 76    999.0  999.0  999.00       0.0
```

B.1.4

METEOROLOGICAL DATA LISTING FOR SITE 4
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

WS10	Wind Speed at the 10-m level (mph)
WDR10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2O)

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++	+-------	----------	----------	-------+
0	1	9	76	4.7	240.0	6.19	0.0
1	1	9	76	4.8	234.1	5.02	0.0
2	1	9	76	4.4	225.5	4.65	0.0
3	1	9	76	4.0	241.0	2.52	0.0
4	1	9	76	2.9	242.0	1.81	0.0
5	1	9	76	3.0	227.7	0.96	0.0
6	1	9	76	3.5	238.3	0.56	0.0
7	1	9	76	1.8	209.8	5.38	0.0
8	1	9	76	2.0	94.0	13.98	0.0
9	1	9	76	3.5	65.6	16.55	0.0
10	1	9	76	6.1	34.9	18.69	0.0
11	1	9	76	6.7	70.7	20.24	0.0
12	1	9	76	5.2	65.9	21.98	0.0
13	1	9	76	6.4	45.1	22.92	0.0
14	1	9	76	7.7	343.4	24.13	0.0
15	1	9	76	6.8	287.9	24.67	0.0
16	1	9	76	7.4	40.3	25.57	0.0
17	1	9	76	5.9	90.5	25.60	0.0
18	1	9	76	4.4	38.7	25.17	0.0
19	1	9	76	2.1	246.5	20.01	0.0
20	1	9	76	6.3	222.5	15.09	0.0
21	1	9	76	4.0	232.1	10.92	0.0
22	1	9	76	5.2	236.3	9.03	0.0
23	1	9	76	3.1	220.1	7.29	0.0

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++    +------------------------------+

 0  2  9 76      5.1  246.7     6.03       0.0

 1  2  9 76      4.2  241.6     4.49       0.0

 2  2  9 76      4.2  254.0     3.49       0.0

 3  2  9 76      4.4  244.8     1.49       0.0

 4  2  9 76      6.2  237.0     1.88       0.0

 5  2  9 76      3.8  224.9     0.41       0.0

 6  2  9 76      3.8  247.8    -0.50       0.0

 7  2  9 76      2.7  238.9     5.15       0.0

 8  2  9 76      3.4   65.1    13.36       0.0

 9  2  9 76      5.2   57.2    18.50       0.0

10  2  9 76      4.8   52.3    24.20       0.0

11  2  9 76     11.2  275.7    25.66       0.0

12  2  9 76      9.3  301.8    26.25       0.0

13  2  9 76      9.4  272.8    26.88       0.0

14  2  9 76      8.4  278.8    27.80       0.0

15  2  9 76      6.5  291.6    28.13       0.0

16  2  9 76      8.2  282.5    28.11       0.0

17  2  9 76      9.9  306.1    28.03       0.0

18  2  9 76      4.0  311.9    27.74       0.0

19  2  9 76      3.4  218.7    19.57       0.0

20  2  9 76      3.6  227.3    15.61       0.0

21  2  9 76      1.9  219.3    12.20       0.0

22  2  9 76      3.4  207.2    11.64       0.0

23  2  9 76      4.8  243.5     8.95       0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	9	76	3.1	232.1	6.62	0.0
1	3	9	76	4.1	234.3	4.64	0.0
2	3	9	76	5.9	244.1	3.90	0.0
3	3	9	76	4.7	240.4	3.32	0.0
4	3	9	76	4.9	246.5	1.71	0.0
5	3	9	76	2.9	239.5	0.88	0.0
6	3	9	76	4.7	235.8	0.97	0.0
7	3	9	76	2.9	204.5	6.35	0.0
8	3	9	76	1.6	176.4	14.82	0.0
9	3	9	76	2.8	60.4	20.07	0.0
10	3	9	76	5.4	48.4	24.45	0.0
11	3	9	76	5.6	61.3	27.00	0.0
12	3	9	76	5.0	96.4	28.64	0.0
13	3	9	76	5.5	346.9	29.20	0.0
14	3	9	76	7.4	104.1	28.96	0.0
15	3	9	76	7.3	50.0	29.43	0.0
16	3	9	76	7.9	79.1	29.69	0.0
17	3	9	76	8.1	68.8	29.81	0.0
18	3	9	76	6.9	28.9	28.73	0.0
19	3	9	76	3.4	229.9	21.41	0.0
20	3	9	76	5.1	208.9	17.62	0.0
21	3	9	76	6.2	224.9	13.90	0.0
22	3	9	76	5.4	236.2	12.09	0.0
23	3	9	76	3.9	227.6	8.47	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0  4  9 76      2.7  227.9    8.08      0.0

 1  4  9 76      4.8  233.4    5.37      0.0

 2  4  9 76      5.3  241.9    3.01      0.0

 3  4  9 76      5.2  243.2    2.66      0.0

 4  4  9 76      4.7  243.9    1.89      0.0

 5  4  9 76      3.9  244.6    1.40      0.0

 6  4  9 76      4.8  233.5   -0.06      0.0

 7  4  9 76      2.1  249.8    5.42      0.0

 8  4  9 76      2.5   95.3   15.29      0.0

 9  4  9 76      4.2   43.0   19.31      0.0

10  4  9 76      3.4   58.2   24.61      0.0

11  4  9 76      5.2   69.6   27.02      0.0

12  4  9 76      6.4  101.9   28.47      0.0

13  4  9 76      7.6    5.9   29.41      0.0

14  4  9 76      7.9   14.3   29.92      0.0

15  4  9 76     10.3   55.4   29.95      0.0

16  4  9 76      8.3  302.4   30.02      0.0

17  4  9 76      7.5  280.1   30.15      0.0

18  4  9 76      5.0  319.5   29.32      0.0

19  4  9 76      2.8  218.0   21.40      0.0

20  4  9 76      4.3  239.3   14.01      0.0

21  4  9 76      4.5  225.4   12.30      0.0

22  4  9 76      3.4  237.8   10.96      0.0

23  4  9 76      3.7  227.5    9.63      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	5	9	76	5.2	238.0	6.26	0.0
1	5	9	76	5.3	241.7	4.64	0.0
2	5	9	76	4.0	260.1	4.33	0.0
3	5	9	76	5.1	239.2	2.59	0.0
4	5	9	76	5.5	247.9	3.39	0.0
5	5	9	76	4.7	237.7	5.59	0.0
6	5	9	76	3.4	248.8	3.27	0.0
7	5	9	76	1.9	239.2	6.76	0.0
8	5	9	76	2.5	49.6	16.51	0.0
9	5	9	76	3.8	52.6	20.16	0.0
10	5	9	76	4.2	22.3	24.32	0.0
11	5	9	76	5.4	50.2	27.87	0.0
12	5	9	76	5.8	24.7	29.56	0.0
13	5	9	76	4.7	47.4	29.75	0.0
14	5	9	76	6.8	41.5	29.43	0.0
15	5	9	76	5.1	6.8	30.68	0.0
16	5	9	76	4.1	292.2	29.53	0.0
17	5	9	76	4.8	10.7	29.34	0.0
18	5	9	76	3.4	208.8	24.97	0.0
19	5	9	76	4.5	233.9	19.75	0.0
20	5	9	76	2.8	0.6	17.83	0.0
21	5	9	76	2.6	231.5	17.45	0.0
22	5	9	76	6.4	224.7	21.84	0.0
23	5	9	76	2.2	255.4	17.38	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0  6  9 76       3.1  245.8   14.79     0.0

 1  6  9 76       3.8  252.5   14.11     0.0

 2  6  9 76       2.7  214.2   14.60     0.0

 3  6  9 76       1.3  289.2   14.75     0.0

 4  6  9 76       5.3  196.9   18.48     0.0

 5  6  9 76       1.6   21.1   14.61     0.0

 6  6  9 76       6.0  187.0   18.72     0.0

 7  6  9 76       5.4   65.5   18.18     0.0

 8  6  9 76       3.0  196.8   19.03     0.0

 9  6  9 76       4.8  189.0   19.99     0.0

10  6  9 76       6.1  200.9   21.53     0.0

11  6  9 76      12.7  222.9   20.76     0.0

12  6  9 76       9.3  227.9   19.60     0.0

13  6  9 76       5.7  257.1   20.20     0.0

14  6  9 76      15.4  221.8   20.98     0.0

15  6  9 76      14.3  223.1   22.04     0.0

16  6  9 76      14.7  227.5   21.48     0.0

17  6  9 76      14.9  227.7   20.99     0.0

18  6  9 76      11.5  269.3   19.32     0.0

19  6  9 76      12.2  258.4   15.74     0.0

20  6  9 76       5.7  235.2   12.98     0.11

21  6  9 76       2.2  230.0   13.35     0.01

22  6  9 76       4.8  192.3   13.49     0.0

23  6  9 76       1.9   30.6   12.93     0.0
```

```
     RIO BLANCO OIL SHALE PROJECT  SITE   FOUR

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0  7  9 76       2.4  216.9    12.67     0.0

 1  7  9 76       3.3   53.0    12.57     0.0

 2  7  9 76       2.7  100.8    12.76     0.0

 3  7  9 76       2.1  214.5    12.65     0.0

 4  7  9 76       1.2  266.2    11.97     0.0

 5  7  9 76       2.1  240.0    11.75     0.0

 6  7  9 76       1.4  204.4    11.60     0.0

 7  7  9 76       3.8  215.2    12.06     0.0

 8  7  9 76       4.0  218.3    14.51     0.0

 9  7  9 76       3.2  318.9    16.34     0.0

10  7  9 76       3.8  320.8    16.47     0.0

11  7  9 76       5.1  338.2    18.12     0.0

12  7  9 76       7.4   35.4    17.67     0.0

13  7  9 76       7.0   15.8    17.57     0.0

14  7  9 76       5.9   65.3    17.79     0.0

15  7  9 76       5.9   90.7    18.11     0.0

16  7  9 76       7.6  152.6    17.75     0.0

17  7  9 76       5.7  143.9    18.02     0.0

18  7  9 76       8.7   32.6    15.80     0.0

19  7  9 76       3.9   24.4    14.30     0.0

20  7  9 76       3.6  190.0    12.36     0.0

21  7  9 76       3.6  229.2    10.16     0.0

22  7  9 76       3.4  225.8     8.53     0.0

23  7  9 76       3.6  248.6     8.90     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	8	9	76	3.8	229.6	9.01	0.0
1	8	9	76	4.5	230.8	8.08	0.0
2	8	9	76	2.1	226.3	5.51	0.0
3	8	9	76	4.7	238.6	4.57	0.0
4	8	9	76	3.2	222.9	5.14	0.0
5	8	9	76	3.5	239.3	4.25	0.0
6	8	9	76	4.4	243.5	4.98	0.0
7	8	9	76	2.0	244.6	6.84	0.0
8	8	9	76	2.9	132.2	12.04	0.0
9	8	9	76	5.3	86.4	13.38	0.0
10	8	9	76	4.7	84.3	14.65	0.0
11	8	9	76	4.6	76.1	16.08	0.0
12	8	9	76	8.6	44.3	17.24	0.0
13	8	9	76	9.3	54.1	18.27	0.0
14	8	9	76	10.4	63.3	19.14	0.0
15	8	9	76	8.4	44.3	19.67	0.0
16	8	9	76	8.3	29.5	19.98	0.0
17	8	9	76	9.6	35.2	19.66	0.0
18	8	9	76	8.8	29.9	18.70	0.0
19	8	9	76	3.6	7.7	15.59	0.0
20	8	9	76	5.0	234.9	8.07	0.0
21	8	9	76	4.9	230.5	7.13	0.0
22	8	9	76	4.2	233.3	5.37	0.0
23	8	9	76	4.0	242.6	3.56	0.0

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0  9  9 76     4.9  239.5    2.92     0.0

 1  9  9 76     4.0  228.3    1.57     0.0

 2  9  9 76     5.5  248.0    0.97     0.0

 3  9  9 76     3.2  235.9   -0.36     0.0

 4  9  9 76     3.5  251.3   -1.76     0.0

 5  9  9 76     3.9  246.2   -2.42     0.0

 6  9  9 76     3.0  229.3   -2.40     0.0

 7  9  9 76     2.5  242.1   -0.63     0.0

 8  9  9 76     2.8   64.8    6.92     0.0

 9  9  9 76     3.5   84.6   12.03     0.0

10  9  9 76     3.5   48.0   15.74     0.0

11  9  9 76     6.1   38.1   18.48     0.0

12  9  9 76     5.8   48.2   20.39     0.0

13  9  9 76     5.3   16.0   22.30     0.0

14  9  9 76     5.2  214.2   23.68     0.0

15  9  9 76     6.2   56.1   24.07     0.0

16  9  9 76     6.9   32.9   23.85     0.0

17  9  9 76     7.3   44.5   23.21     0.0

18  9  9 76     5.1   32.4   22.25     0.0

19  9  9 76     2.4  213.8   16.94     0.0

20  9  9 76     4.1  227.5   14.59     0.0

21  9  9 76     3.8  246.1   12.20     0.0

22  9  9 76     4.1  227.6   11.00     0.0

23  9  9 76     2.9  257.1    8.77     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL  DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0 10  9 76      2.5   228.6     7.78     0.0

 1 10  9 76      3.8   232.3     7.06     0.0

 2 10  9 76      2.6   226.7     6.88     0.0

 3 10  9 76      4.6   249.1     8.08     0.0

 4 10  9 76      4.9   256.0     7.28     0.0

 5 10  9 76      3.4   237.1     5.85     0.0

 6 10  9 76      2.2   247.7     5.80     0.0

 7 10  9 76      2.9   240.2     8.30     0.0

 8 10  9 76      5.4   240.0    14.19     0.0

 9 10  9 76      4.9   176.3    17.05     0.0

10 10  9 76      5.9   175.4    18.98     0.0

11 10  9 76      6.1   167.4    19.64     0.0

12 10  9 76     10.9   186.5    20.49     0.0

13 10  9 76     10.7   198.5    21.23     0.0

14 10  9 76     10.7   191.1    21.17     0.0

15 10  9 76     10.8   217.9    21.46     0.0

16 10  9 76     13.9   238.9    21.36     0.0

17 10  9 76      7.4   201.3    21.34     0.0

18 10  9 76     10.8   224.1    20.09     0.0

19 10  9 76      7.2   200.0    18.44     0.0

20 10  9 76      4.9   190.7    17.22     0.0

21 10  9 76      4.9   182.9    16.94     0.0

22 10  9 76      3.9   229.5    16.64     0.0

23 10  9 76      3.4   237.2    14.29     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	PREC
0	11	9	76	3.0	214.1	13.43	0.0
1	11	9	76	3.9	241.9	12.53	0.0
2	11	9	76	4.2	249.9	10.63	0.0
3	11	9	76	6.6	138.6	16.14	0.0
4	11	9	76	4.3	138.6	15.29	0.0
5	11	9	76	5.2	241.5	13.73	0.0
6	11	9	76	1.4	268.6	11.59	0.0
7	11	9	76	5.5	154.4	15.36	0.0
8	11	9	76	8.0	148.2	17.37	0.0
9	11	9	76	14.3	217.1	20.32	0.0
10	11	9	76	19.2	227.7	21.02	0.0
11	11	9	76	19.5	237.9	21.33	0.0
12	11	9	76	20.7	231.5	22.80	0.0
13	11	9	76	18.0	223.5	23.83	0.0
14	11	9	76	14.9	223.1	23.77	0.0
15	11	9	76	10.4	220.8	23.92	0.0
16	11	9	76	22.5	245.8	16.17	0.0
17	11	9	76	8.1	227.2	14.83	0.0
18	11	9	76	2.6	231.3	15.50	0.0
19	11	9	76	5.5	227.2	13.95	0.0
20	11	9	76	5.9	198.5	11.96	0.0
21	11	9	76	1.1	272.7	12.86	0.0
22	11	9	76	2.7	225.0	11.66	0.0
23	11	9	76	6.2	213.4	12.72	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +--------------------------------+

 0 12  9 76       1.8  358.3   11.05      0.0

 1 12  9 76       4.1  157.9   12.54      0.0

 2 12  9 76       3.8  143.5   12.27      0.0

 3 12  9 76       1.0  286.2   10.11      0.0

 4 12  9 76       4.4  236.7    8.23      0.0

 5 12  9 76       2.6  232.4    6.78      0.0

 6 12  9 76       2.7  231.9    6.38      0.0

 7 12  9 76       2.8  205.0    7.35      0.0

 8 12  9 76       2.6  233.7   13.69      0.0

 9 12  9 76       7.0  269.1   16.57      0.0

10 12  9 76       7.6  306.5   16.23      0.0

11 12  9 76       8.6  268.2   17.70      0.0

12 12  9 76       8.5  298.3   18.13      0.0

13 12  9 76       8.5  319.7   19.07      0.0

14 12  9 76      12.8   32.0   17.80      0.0

15 12  9 76      10.7   45.7   17.99      0.0

16 12  9 76       9.3  351.4   18.30      0.0

17 12  9 76       2.5   26.9   19.14      0.0

18 12  9 76       0.9  131.6   18.63      0.0

19 12  9 76       2.7  194.3   14.08      0.0

20 12  9 76       5.0  214.5   10.23      0.0

21 12  9 76       4.9  230.4    8.94      0.0

22 12  9 76       3.9  235.8    7.77      0.0

23 12  9 76     999.0  999.0  999.00   999.00
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	13	9	76	4.0	235.4	4.27	0.0
1	13	9	76	3.8	241.6	2.57	0.0
2	13	9	76	4.4	242.8	1.72	0.0
3	13	9	76	3.6	226.2	2.83	0.0
4	13	9	76	2.3	244.2	1.20	0.0
5	13	9	76	2.1	240.9	1.47	0.0
6	13	9	76	1.7	212.1	1.48	0.0
7	13	9	76	2.2	259.9	3.91	0.0
8	13	9	76	1.2	282.8	8.40	0.0
9	13	9	76	2.8	101.5	13.66	0.0
10	13	9	76	3.4	63.5	17.27	0.0
11	13	9	76	4.2	216.1	19.69	0.0
12	13	9	76	5.8	348.2	21.60	0.0
13	13	9	76	7.2	53.1	22.02	0.0
14	13	9	76	6.9	329.9	23.59	0.0
15	13	9	76	6.8	328.9	23.35	0.0
16	13	9	76	9.2	358.0	23.46	0.0
17	13	9	76	5.1	298.7	23.25	0.0
18	13	9	76	5.8	332.2	21.98	0.0
19	13	9	76	11.5	284.1	18.88	0.0
20	13	9	76	9.8	240.6	17.36	0.0
21	13	9	76	4.9	184.9	16.00	0.0
22	13	9	76	5.1	217.5	13.75	0.0
23	13	9	76	5.5	232.7	11.22	0.0

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	14	9	76	3.0	242.2	8.32	0.0
1	14	9	76	2.9	227.8	10.06	0.0
2	14	9	76	3.8	59.8	10.86	0.0
3	14	9	76	3.6	231.3	7.82	0.0
4	14	9	76	2.7	254.7	8.97	0.0
5	14	9	76	4.3	240.9	8.06	0.0
6	14	9	76	4.4	237.4	8.08	0.0
7	14	9	76	2.2	323.6	10.49	0.0
8	14	9	76	2.0	339.6	11.15	0.0
9	14	9	76	5.2	144.5	12.60	0.01
10	14	9	76	6.1	107.8	12.42	0.01
11	14	9	76	4.3	356.8	12.92	0.0
12	14	9	76	8.3	111.9	15.12	0.06
13	14	9	76	6.3	194.8	17.90	0.0
14	14	9	76	5.4	157.3	20.18	0.0
15	14	9	76	4.2	245.7	22.67	0.0
16	14	9	76	4.8	35.3	22.07	0.0
17	14	9	76	4.8	329.3	22.97	0.0
18	14	9	76	6.2	18.1	20.89	0.0
19	14	9	76	3.8	212.7	15.72	0.0
20	14	9	76	4.2	214.3	12.74	0.0
21	14	9	76	4.1	212.4	10.29	0.0
22	14	9	76	3.2	215.8	7.89	0.0
23	14	9	76	3.6	221.0	7.00	0.0

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 15  9 76       2.6  229.6     5.98     0.0

 1 15  9 76       3.8  241.9     4.70     0.0

 2 15  9 76       2.6  254.4     5.18     0.0

 3 15  9 76       3.8  241.7     4.08     0.0

 4 15  9 76       3.1  243.9     3.16     0.0

 5 15  9 76       3.3  239.2     4.01     0.0

 6 15  9 76       3.3  237.0     2.93     0.0

 7 15  9 76       2.5  294.5     4.91     0.0

 8 15  9 76       1.2  220.2    11.90     0.0

 9 15  9 76       3.0   50.0    18.51     0.0

10 15  9 76      11.4  182.6    21.11     0.0

11 15  9 76      10.2  210.3    21.32     0.0

12 15  9 76       5.2  160.6    22.40     0.0

13 15  9 76       5.2  160.6    22.40     0.0

14 15  9 76       6.1  134.5    23.57     0.0

15 15  9 76     999.0  999.0   999.00   999.00

16 15  9 76     999.0  999.0   999.00   999.00

17 15  9 76     999.0  999.0   999.00   999.00

18 15  9 76     999.0  999.0   999.00   999.00

19 15  9 76     999.0  999.0   999.00   999.00

20 15  9 76     999.0  999.0   999.00   999.00

21 15  9 76     999.0  999.0   999.00   999.00

22 15  9 76     999.0  999.0   999.00   999.00

23 15  9 76     999.0  999.0   999.00   999.00
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0 16  9 76    999.0   999.0   999.00   999.00

 1 16  9 76    999.0   999.0   999.00   999.00

 2 16  9 76    999.0   999.0   999.00   999.00

 3 16  9 76    999.0   999.0   999.00   999.00

 4 16  9 76    999.0   999.0   999.00   999.00

 5 16  9 76    999.0   999.0   999.00   999.00

 6 16  9 76    999.0   999.0   999.00   999.00

 7 16  9 76    999.0   999.0   999.00   999.00

 8 16  9 76    999.0   999.0   999.00   999.00

 9 16  9 76    999.0   999.0   999.00   999.00

10 16  9 76    999.0   999.0   999.00   999.00

11 16  9 76     13.2   218.9    22.12      0.0

12 16  9 76     11.0   216.2    23.41      0.0

13 16  9 76     11.8   225.4    23.60      0.0

14 16  9 76      9.2   209.4    24.58      0.0

15 16  9 76     10.4   193.3    24.30      0.0

16 16  9 76     11.1   201.4    25.29      0.0

17 16  9 76      9.0   206.8    24.11      0.0

18 16  9 76      8.1   202.8    23.99      0.0

19 16  9 76      3.4   223.6    17.82      0.0

20 16  9 76      2.7   257.2    13.30      0.0

21 16  9 76      4.4   235.9    10.92      0.0

22 16  9 76      4.1   231.1     9.22      0.0

23 16  9 76      3.5   233.1     7.91      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++	+-------	--------	--------	-------+
0	17	9	76	4.2	242.7	6.83	0.0
1	17	9	76	2.5	203.6	5.78	0.0
2	17	9	76	3.3	226.5	4.33	0.0
3	17	9	76	4.8	235.5	5.00	0.0
4	17	9	76	2.8	217.7	4.17	0.0
5	17	9	76	5.1	236.9	2.02	0.0
6	17	9	76	4.1	245.0	2.13	0.0
7	17	9	76	4.2	234.7	5.20	0.0
8	17	9	76	1.6	60.1	14.94	0.0
9	17	9	76	12.9	193.3	21.32	0.0
10	17	9	76	11.2	195.9	22.69	0.0
11	17	9	76	19.6	216.2	23.84	0.0
12	17	9	76	20.6	225.5	24.24	0.0
13	17	9	76	16.3	216.6	24.82	0.0
14	17	9	76	14.5	218.7	24.38	0.0
15	17	9	76	12.8	219.4	24.33	0.0
16	17	9	76	12.7	204.5	24.90	0.0
17	17	9	76	14.4	201.9	24.66	0.0
18	17	9	76	8.5	218.9	22.97	0.0
19	17	9	76	3.8	226.8	17.30	0.0
20	17	9	76	5.6	226.0	14.81	0.0
21	17	9	76	4.6	206.7	14.44	0.0
22	17	9	76	3.0	228.5	12.04	0.0
23	17	9	76	1.4	219.4	11.88	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0 18  9 76      5.9  209.8   14.17     0.0

 1 18  9 76      4.5  215.0   10.46     0.0

 2 18  9 76      6.3  236.9    5.33     0.0

 3 18  9 76      4.8  252.6    3.58     0.0

 4 18  9 76      5.2  236.2    6.65     0.0

 5 18  9 76      2.1  241.6    3.27     0.0

 6 18  9 76      4.4  241.4    2.44     0.0

 7 18  9 76      3.3  246.2    4.52     0.0

 8 18  9 76      3.0   77.6   12.26     0.0

 9 18  9 76      3.8   60.4   15.98     0.0

10 18  9 76      4.7   44.4   19.38     0.0

11 18  9 76      3.2  159.7   21.11     0.0

12 18  9 76      7.9  243.7   22.22     0.0

13 18  9 76     10.3  246.1   22.96     0.0

14 18  9 76     13.1  227.3   23.64     0.0

15 18  9 76     11.9  222.4   23.76     0.0

16 18  9 76     11.0  221.8   23.56     0.0

17 18  9 76      9.5  220.5   23.16     0.0

18 18  9 76      6.2  201.8   21.71     0.0

19 18  9 76      3.0  230.1   14.24     0.0

20 18  9 76      4.4  238.3    9.77     0.0

21 18  9 76      5.0  238.2    7.58     0.0

22 18  9 76      4.9  237.0    6.85     0.0

23 18  9 76      5.7  247.6    4.85     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	19	9	76	4.3	243.0	5.98	0.0
1	19	9	76	4.5	244.1	4.93	0.0
2	19	9	76	4.3	244.9	4.41	0.0
3	19	9	76	3.6	234.8	3.05	0.0
4	19	9	76	3.3	242.6	1.80	0.0
5	19	9	76	2.8	250.8	0.89	0.0
6	19	9	76	3.5	244.0	0.25	0.0
7	19	9	76	2.1	265.5	2.44	0.0
8	19	9	76	3.1	77.3	9.74	0.0
9	19	9	76	5.5	73.9	11.93	0.0
10	19	9	76	5.2	85.1	14.51	0.0
11	19	9	76	5.7	76.8	16.81	0.0
12	19	9	76	6.7	55.0	18.97	0.0
13	19	9	76	6.9	32.9	21.29	0.0
14	19	9	76	5.3	6.6	22.87	0.0
15	19	9	76	8.6	352.1	22.63	0.0
16	19	9	76	7.5	349.1	22.87	0.0
17	19	9	76	5.7	334.3	23.12	0.0
18	19	9	76	3.9	0.0	19.70	0.0
19	19	9	76	3.0	263.3	13.57	0.0
20	19	9	76	8.3	14.4	16.68	0.0
21	19	9	76	4.3	248.2	12.75	0.0
22	19	9	76	4.9	240.7	7.59	0.0
23	19	9	76	5.4	244.8	5.42	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 20  9 76       4.9  246.3    4.73     0.0

 1 20  9 76       4.5  244.0    2.80     0.0

 2 20  9 76       5.8  240.2    2.36     0.0

 3 20  9 76       4.9  246.1    1.68     0.0

 4 20  9 76       5.1  244.2    0.81     0.0

 5 20  9 76       5.1  240.7    0.25     0.0

 6 20  9 76       4.8  250.3   -0.04     0.0

 7 20  9 76       3.4  251.8    1.93     0.0

 8 20  9 76       2.4  137.1    8.98     0.0

 9 20  9 76       3.4  102.9   11.37     0.0

10 20  9 76       3.6  108.1   13.59     0.0

11 20  9 76       5.1   32.4   15.54     0.0

12 20  9 76       4.4   71.2   18.18     0.0

13 20  9 76       5.2   44.1   20.72     0.0

14 20  9 76       8.2   22.7   22.06     0.0

15 20  9 76       8.1   40.5   22.84     0.0

16 20  9 76       7.9   24.3   23.24     0.0

17 20  9 76       7.0   17.3   23.17     0.0

18 20  9 76       5.4   19.0   21.70     0.0

19 20  9 76       3.0  206.7   14.58     0.0

20 20  9 76       5.8  232.2   10.95     0.0

21 20  9 76       4.0  222.9    9.34     0.0

22 20  9 76       4.5  247.6    6.05     0.0

23 20  9 76       4.4  234.2    5.43     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-------------------------------+

 0 21  9 76      3.9  240.1     3.42     0.0

 1 21  9 76      3.9  246.9     1.66     0.0

 2 21  9 76      3.8  241.2     0.32     0.0

 3 21  9 76      4.2  249.0    -0.61     0.0

 4 21  9 76      4.4  238.4    -1.41     0.0

 5 21  9 76      3.1  244.0    -1.00     0.0

 6 21  9 76      3.9  248.9    -2.19     0.0

 7 21  9 76      1.8  248.8     0.38     0.0

 8 21  9 76      3.5   67.4     8.65     0.0

 9 21  9 76      2.3  137.5    14.71     0.0

10 21  9 76      4.2   54.9    17.96     0.0

11 21  9 76      5.2   30.5    21.07     0.0

12 21  9 76      5.2  242.7    23.44     0.0

13 21  9 76      7.0  232.9    23.60     0.0

14 21  9 76      9.7  145.9    22.98     0.0

15 21  9 76      7.7  153.6    22.59     0.0

16 21  9 76      9.2  216.8    21.73     0.0

17 21  9 76      9.3  217.5    20.99     0.0

18 21  9 76      8.5  213.9    19.87     0.0

19 21  9 76     12.0  222.1    17.16     0.0

20 21  9 76      9.9  208.8    16.19     0.0

21 21  9 76      7.2  154.2    16.16     0.0

22 21  9 76      6.2  284.0    15.58     0.0

23 21  9 76      9.9  255.4    14.35     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 22  9 76      6.4  232.2   11.47    0.02

 1 22  9 76      2.4  129.1   10.56    0.03

 2 22  9 76      3.0  347.5   10.17    0.0

 3 22  9 76      2.9  207.2    9.19    0.0

 4 22  9 76      3.4  233.0    7.63    0.0

 5 22  9 76      4.3  198.4    7.48    0.0

 6 22  9 76      4.3  227.8    8.05    0.01

 7 22  9 76      1.7  210.0    8.46    0.0

 8 22  9 76      1.3  266.4    9.79    0.0

 9 22  9 76      1.9   46.6   11.23    0.0

10 22  9 76      5.0  248.3   13.16    0.0

11 22  9 76      5.1  232.4   14.80    0.0

12 22  9 76      7.2  337.5   16.41    0.0

13 22  9 76      7.8   42.8   15.91    0.0

14 22  9 76      8.6  306.5   17.67    0.0

15 22  9 76      7.5   64.6   17.26    0.0

16 22  9 76     12.8   50.7   15.78    0.0

17 22  9 76      6.3   55.0   15.74    0.0

18 22  9 76      3.3  145.1   14.81    0.0

19 22  9 76      4.3  250.4   11.42    0.0

20 22  9 76      6.7   59.9   11.71    0.0

21 22  9 76     10.0  288.8   11.45    0.0

22 22  9 76      4.6   10.3   10.43    0.11

23 22  9 76      3.9  223.8    8.29    0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 23  9 76       2.6  227.2     6.97     0.0

 1 23  9 76       3.6  238.0     5.44     0.0

 2 23  9 76       3.5  250.1     4.21     0.0

 3 23  9 76       4.0  230.1     3.68     0.0

 4 23  9 76       3.4  222.3     2.89     0.0

 5 23  9 76       3.5  240.6     2.06     0.0

 6 23  9 76       4.5  238.4     2.18     0.0

 7 23  9 76       2.7  243.9     2.74     0.0

 8 23  9 76       1.9   72.8     6.57     0.0

 9 23  9 76       2.0   52.6    11.70     0.0

10 23  9 76       3.6   48.7    15.20     0.0

11 23  9 76       3.4   93.8    18.39     0.0

12 23  9 76       4.5  300.0    19.49     0.0

13 23  9 76      12.1  225.0    17.53     0.0

14 23  9 76      14.0  167.1    15.93     0.0

15 23  9 76       8.4  151.6    17.05     0.0

16 23  9 76       7.0  169.5    16.87     0.0

17 23  9 76       5.6  211.9    16.69     0.0

18 23  9 76       6.9   38.9    15.93     0.0

19 23  9 76       4.5  241.6    13.02     0.0

20 23  9 76       2.4  185.0    13.48     0.0

21 23  9 76       3.6  239.2    10.94     0.0

22 23  9 76       2.8  209.7    11.05     0.0

23 23  9 76       1.9  226.0    10.07     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

           METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10    PREC
++ ++ ++ ++    +----------------------------+

 0 24  9 76      2.4  240.9    9.47    0.0

 1 24  9 76      3.3  222.3    9.47    0.0

 2 24  9 76      2.6  243.7    9.38    0.0

 3 24  9 76      5.2  217.2   10.14    0.0

 4 24  9 76      2.1   36.1    9.61    0.0

 5 24  9 76      1.9  228.7    9.65    0.04

 6 24  9 76      3.9  235.1    9.77    0.02

 7 24  9 76      1.2  298.0    9.57    0.02

 8 24  9 76      3.4   23.2   10.10    0.0

 9 24  9 76      4.1   56.1   10.52    0.03

10 24  9 76      2.1   22.9   10.99    0.01

11 24  9 76      1.8  246.1   13.10    0.0

12 24  9 76      2.4  126.6   13.47    0.0

13 24  9 76      2.4  161.5   13.94    0.0

14 24  9 76      2.7   75.8   14.51    0.0

15 24  9 76      2.4   26.9   15.56    0.0

16 24  9 76      3.2  255.9   14.88    0.0

17 24  9 76      4.8  229.3   13.56    0.0

18 24  9 76      7.0  313.5   11.47    0.0

19 24  9 76      1.8  255.7   10.02    0.0

20 24  9 76      6.6  209.3   10.00    0.01

21 24  9 76      1.8  224.2    9.66    0.0

22 24  9 76      1.6  356.3    8.95    0.0

23 24  9 76      2.1  238.6    7.78    0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	9	76	1.4	217.7	7.04	0.0
1	25	9	76	3.6	230.5	6.93	0.0
2	25	9	76	2.8	222.5	6.52	0.0
3	25	9	76	2.8	238.1	5.96	0.0
4	25	9	76	2.3	328.4	5.71	0.0
5	25	9	76	2.8	194.3	5.43	0.0
6	25	9	76	3.4	257.2	5.31	0.0
7	25	9	76	2.2	256.7	5.13	0.0
8	25	9	76	1.4	42.4	7.61	0.0
9	25	9	76	3.4	19.3	10.03	0.0
10	25	9	76	3.9	63.3	12.87	0.0
11	25	9	76	3.4	89.9	14.77	0.0
12	25	9	76	4.2	90.5	15.75	0.0
13	25	9	76	6.5	56.0	16.40	0.0
14	25	9	76	5.0	60.1	16.00	0.0
15	25	9	76	7.4	155.0	15.26	0.0
16	25	9	76	5.8	222.4	14.42	0.0
17	25	9	76	10.9	36.5	13.62	0.0
18	25	9	76	8.9	75.5	9.75	0.0
19	25	9	76	4.6	325.2	9.45	0.05
20	25	9	76	4.7	315.9	9.25	0.03
21	25	9	76	7.0	211.9	9.38	0.0
22	25	9	76	4.4	49.1	8.42	0.0
23	25	9	76	4.3	228.8	7.89	0.0

```
   RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL DATA
  HR DY MO YR      WS10  WDR10    AT10     PREC
  ++ ++ ++ ++     +---------------------------------+

   0 26  9 76      2.4  224.0     6.75     0.0

   1 26  9 76      1.6  251.3     5.97     0.0

   2 26  9 76      3.0  238.3     5.01     0.0

   3 26  9 76      3.8  248.2     5.06     0.0

   4 26  9 76      3.7  242.1     4.85     0.0

   5 26  9 76      3.1  238.8     3.89     0.0

   6 26  9 76      4.0  242.1     4.27     0.0

   7 26  9 76      2.3  245.3     5.10     0.0

   8 26  9 76      3.2   15.6     7.61     0.0

   9 26  9 76      6.9   35.7     8.29     0.0

  10 26  9 76      6.8   60.1     9.74     0.0

  11 26  9 76      5.6   71.7    12.27     0.0

  12 26  9 76      8.4   35.9    14.05     0.0

  13 26  9 76     10.9   44.9    15.51     0.0

  14 26  9 76      8.5   26.7    16.11     0.0

  15 26  9 76      8.7   27.4    16.46     0.0

  16 26  9 76     11.6    4.9    16.23     0.0

  17 26  9 76     11.6   18.5    16.78     0.0

  18 26  9 76      7.4   17.6    14.78     0.0

  19 26  9 76      9.3   22.0    13.36     0.0

  20 26  9 76      6.9  355.0    11.55     0.0

  21 26  9 76      2.9  220.4     6.43     0.0

  22 26  9 76      3.6  237.6     5.00     0.0

  23 26  9 76      3.8  226.0     3.54     0.0
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +----------------------------+

 0 27  9 76       3.7  241.7     2.90     0.0

 1 27  9 76       3.6  234.9     2.19     0.0

 2 27  9 76       4.9  238.2     3.97     0.0

 3 27  9 76       2.5  327.2     5.73     0.0

 4 27  9 76       7.3  359.0     6.59     0.0

 5 27  9 76       7.1    9.3     6.36     0.0

 6 27  9 76       2.3   13.6     5.82     0.01

 7 27  9 76       3.2   60.2     6.19     0.0

 8 27  9 76       2.1   96.8     8.45     0.0

 9 27  9 76       4.4  357.2     8.56     0.0

10 27  9 76       3.7   32.2    10.84     0.0

11 27  9 76       5.6   59.5    11.33     0.0

12 27  9 76       5.4   58.9    12.95     0.0

13 27  9 76       8.3   29.6    14.13     0.0

14 27  9 76       9.4    7.6    14.64     0.0

15 27  9 76      11.6   55.0    14.95     0.0

16 27  9 76       9.4    4.9    15.11     0.0

17 27  9 76       7.4   30.6    14.91     0.0

18 27  9 76       4.3   48.8    12.80     0.0

19 27  9 76       3.7  227.7     6.32     0.0

20 27  9 76       4.1  222.7     5.02     0.0

21 27  9 76       3.5  224.7     3.33     0.0

22 27  9 76       3.5  205.0     2.21     0.0

23 27  9 76       5.0  242.6     0.19     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	PREC
0	28	9	76	5.2	231.7	0.43	0.0
1	28	9	76	3.5	233.9	-2.25	0.0
2	28	9	76	3.3	244.9	-2.23	0.0
3	28	9	76	4.0	246.9	-3.41	0.0
4	28	9	76	4.6	239.9	-3.72	0.0
5	28	9	76	2.8	237.3	-4.77	0.0
6	28	9	76	3.6	248.2	-5.42	0.0
7	28	9	76	2.5	242.6	-4.09	0.0
8	28	9	76	1.4	167.3	3.36	0.0
9	28	9	76	2.3	104.5	8.73	0.0
10	28	9	76	4.4	27.8	11.43	0.0
11	28	9	76	4.5	100.2	14.29	0.0
12	28	9	76	6.8	67.5	15.34	0.0
13	28	9	76	5.7	357.8	16.54	0.0
14	28	9	76	7.8	26.6	17.15	0.0
15	28	9	76	6.1	58.1	17.65	0.0
16	28	9	76	6.6	56.2	18.12	0.0
17	28	9	76	7.0	49.1	17.62	0.0
18	28	9	76	4.1	52.2	14.91	0.0
19	28	9	76	5.1	237.0	7.63	0.0
20	28	9	76	4.9	233.8	6.10	0.0
21	28	9	76	4.2	219.3	5.27	0.0
22	28	9	76	2.9	225.7	2.69	0.0
23	28	9	76	3.9	242.9	-0.07	0.0

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0 29  9 76      4.6  253.2   -0.99      0.0

 1 29  9 76      4.1  234.9   -1.39      0.0

 2 29  9 76      3.2  244.3   -3.12      0.0

 3 29  9 76      4.6  251.1   -3.38      0.0

 4 29  9 76      4.1  229.4   -2.62      0.0

 5 29  9 76      4.7  230.4   -3.07      0.0

 6 29  9 76      3.2  251.2   -4.65      0.0

 7 29  9 76      3.7  246.2   -3.36      0.0

 8 29  9 76      2.0  253.2    4.56      0.0

 9 29  9 76      3.9   68.8   10.12      0.0

10 29  9 76      4.5   63.3   14.00      0.0

11 29  9 76      4.5   72.9   17.44      0.0

12 29  9 76      4.5  117.1   18.90      0.0

13 29  9 76      7.4   31.8   19.86      0.0

14 29  9 76      4.5   18.8   20.83      0.0

15 29  9 76      6.0   43.7   21.22      0.0

16 29  9 76      6.4   42.1   21.18      0.0

17 29  9 76      4.7   49.9   21.15      0.0

18 29  9 76      1.9   44.6   17.21      0.0

19 29  9 76      3.5  237.7    9.91      0.0

20 29  9 76      4.4  232.0    8.66      0.0

21 29  9 76      3.8  230.9    5.91      0.0

22 29  9 76      4.9  236.6    4.64      0.0

23 29  9 76      4.3  252.6    2.58      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
             METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 30  9 76       3.9   245.0     1.53       0.0

 1 30  9 76       3.9   248.0    -0.84       0.0

 2 30  9 76       5.2   250.3    -1.18       0.0

 3 30  9 76       5.3   235.8    -1.89       0.0

 4 30  9 76       5.2   240.2    -2.26       0.0

 5 30  9 76       4.8   241.3    -2.91       0.0

 6 30  9 76       4.6   244.6    -3.66       0.0

 7 30  9 76       2.0   253.1    -2.48       0.0

 8 30  9 76       2.0    62.5     6.22       0.0

 9 30  9 76       2.8    65.9    12.77       0.0

10 30  9 76       3.7    39.7    17.59       0.0

11 30  9 76       6.2   300.9    20.93       0.0

12 30  9 76       5.4   268.5    22.09       0.0

13 30  9 76       5.9   202.2    22.84       0.0

14 30  9 76       5.3   126.7    23.26       0.0

15 30  9 76     999.0   999.0   999.00    999.00

16 30  9 76     999.0   999.0   999.00    999.00

17 30  9 76     999.0   999.0   999.00    999.00

18 30  9 76     999.0   999.0   999.00    999.00

19 30  9 76     999.0   999.0   999.00    999.00

20 30  9 76     999.0   999.0   999.00    999.00

21 30  9 76     999.0   999.0   999.00    999.00

22 30  9 76     999.0   999.0   999.00    999.00

23 30  9 76     999.0   999.0   999.00    999.00
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	1	10	76	3.4	223.9	1.16	0.0
1	1	10	76	5.1	214.7	0.18	0.0
2	1	10	76	4.4	219.0	-1.05	0.0
3	1	10	76	5.7	216.4	-1.33	0.0
4	1	10	76	2.7	205.4	-1.85	0.0
5	1	10	76	3.5	211.7	-1.85	0.0
6	1	10	76	4.9	217.2	-2.69	0.0
7	1	10	76	3.2	222.6	-1.25	0.0
8	1	10	76	1.6	36.2	8.22	0.0
9	1	10	76	1.9	64.4	14.79	0.0
10	1	10	76	2.8	68.7	18.83	0.0
11	1	10	76	4.8	40.8	22.00	0.0
12	1	10	76	4.5	82.6	22.31	0.0
13	1	10	76	10.8	163.5	24.60	0.0
14	1	10	76	14.6	175.9	24.79	0.0
15	1	10	76	8.5	188.9	23.90	0.0
16	1	10	76	9.6	215.7	23.25	0.0
17	1	10	76	8.4	216.4	22.16	0.0
18	1	10	76	4.4	185.8	18.38	0.0
19	1	10	76	3.0	202.6	14.23	0.0
20	1	10	76	2.0	40.8	11.84	0.0
21	1	10	76	3.5	217.1	11.97	0.0
22	1	10	76	4.2	221.2	9.39	0.0
23	1	10	76	4.0	220.2	8.03	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  2 10 76      4.4    205.9    10.30     0.0

 1  2 10 76      4.8    221.2     7.68     0.0

 2  2 10 76      4.8    223.2     5.54     0.0

 3  2 10 76      4.2    209.9     6.55     0.0

 4  2 10 76      3.1    218.4     6.87     0.0

 5  2 10 76      1.8    233.4     6.44     0.0

 6  2 10 76      2.3    190.9     6.51     0.0

 7  2 10 76      1.9    160.3     8.06     0.0

 8  2 10 76      2.0    199.8     9.31     0.0

 9  2 10 76      1.7    157.8    10.85     0.0

10  2 10 76     10.9    172.2    14.60     0.0

11  2 10 76     10.8    156.1    16.21     0.0

12  2 10 76     10.8    191.2    16.90     0.0

13  2 10 76     19.0    201.9    16.84     0.0

14  2 10 76      7.8    186.2    13.36     0.0

15  2 10 76     15.4    198.5    14.71     0.0

16  2 10 76      4.9     11.9    13.80     0.0

17  2 10 76      6.5    260.4     9.94     0.0

18  2 10 76      1.1    297.8     9.06     0.0

19  2 10 76      7.6    175.6     7.24     0.22

20  2 10 76      2.7    203.7     6.00     0.02

21  2 10 76      2.6    218.8     5.72     0.0

22  2 10 76      2.7    187.0     4.11     0.0

23  2 10 76      1.4    167.9     3.20     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	3	10	76	4.4	202.3	5.00	0.0
1	3	10	76	5.9	192.9	6.39	0.0
2	3	10	76	3.8	175.8	5.12	0.0
3	3	10	76	2.6	187.7	5.45	0.0
4	3	10	76	2.3	83.6	6.62	0.0
5	3	10	76	3.2	181.0	6.63	0.0
6	3	10	76	5.3	182.8	7.23	0.0
7	3	10	76	3.6	210.3	7.21	0.0
8	3	10	76	2.9	110.5	8.35	0.0
9	3	10	76	9.2	225.9	9.92	0.0
10	3	10	76	5.4	265.7	11.69	0.0
11	3	10	76	6.9	217.4	12.83	0.0
12	3	10	76	7.8	278.3	13.43	0.0
13	3	10	76	8.6	298.1	13.82	0.0
14	3	10	76	10.8	299.3	13.68	0.0
15	3	10	76	8.3	286.9	13.92	0.0
16	3	10	76	8.8	278.7	14.00	0.0
17	3	10	76	7.7	284.3	13.34	0.0
18	3	10	76	6.7	354.7	11.26	0.0
19	3	10	76	4.7	7.0	9.79	0.0
20	3	10	76	2.1	245.1	7.78	0.0
21	3	10	76	4.9	342.3	8.13	0.0
22	3	10	76	7.2	25.3	7.44	0.0
23	3	10	76	1.9	9.3	4.91	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0  4 10 76     2.9  196.0    1.64     0.0

 1  4 10 76     3.6  211.4    0.04     0.0

 2  4 10 76     3.4  227.2   -0.71     0.0

 3  4 10 76     2.2  204.7    0.49     0.0

 4  4 10 76     3.4  205.6   -1.27     0.0

 5  4 10 76     4.2  213.6   -2.09     0.0

 6  4 10 76     3.3  200.9   -3.08     0.0

 7  4 10 76     1.9  217.7   -2.40     0.0

 8  4 10 76     1.9   27.1    2.38     0.0

 9  4 10 76     1.8   52.4    7.11     0.0

10  4 10 76     4.1   43.6    8.61     0.0

11  4 10 76     3.3  121.2   10.75     0.0

12  4 10 76     5.9   42.7   11.19     0.0

13  4 10 76     5.3   64.8   12.79     0.0

14  4 10 76     3.5  261.3   13.86     0.0

15  4 10 76     4.3  284.1   13.71     0.0

16  4 10 76     6.5  271.7   13.75     0.0

17  4 10 76     6.6  295.4   13.09     0.0

18  4 10 76     3.9  258.2   10.36     0.0

19  4 10 76     2.7  185.2    4.99     0.0

20  4 10 76     3.1  203.2    1.47     0.0

21  4 10 76     3.9  229.8   -0.09     0.0

22  4 10 76     4.6  212.2    0.26     0.0

23  4 10 76     2.1  216.8   -1.37     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10     AT10      PREC
++ ++ ++ ++    +----------------------------------+

 0  5 10 76       2.9   228.3    -2.99       0.0

 1  5 10 76       3.4   219.2    -3.03       0.0

 2  5 10 76       4.5   226.7    -3.37       0.0

 3  5 10 76       3.4   216.1    -3.37       0.0

 4  5 10 76       2.9   199.4    -4.01       0.0

 5  5 10 76       3.9   204.2    -3.04       0.0

 6  5 10 76       3.1   216.6    -4.70       0.0

 7  5 10 76       3.3   214.2    -4.00       0.0

 8  5 10 76       1.4   214.0     2.61       0.0

 9  5 10 76       3.5    17.6     7.46       0.0

10  5 10 76       3.4   244.2     9.64       0.0

11  5 10 76       4.2   113.1    11.35       0.0

12  5 10 76       4.0   114.2    13.13       0.0

13  5 10 76       3.0   318.1    13.32       0.0

14  5 10 76       8.6   238.4    14.06       0.0

15  5 10 76       8.0   235.1    14.32       0.0

16  5 10 76       7.9   246.7    13.42       0.0

17  5 10 76       6.6   269.5    13.26       0.0

18  5 10 76       3.8   302.2    12.27       0.0

19  5 10 76       4.1   188.0     9.84       0.0

20  5 10 76       3.1   205.9     4.86       0.0

21  5 10 76       2.9   218.4     4.22       0.0

22  5 10 76       3.1   210.8     4.60       0.0

23  5 10 76       1.3   264.1     4.47       0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +-----------------------------+

 0  6 10 76     2.1  227.7     3.05     0.0

 1  6 10 76     3.4  214.3     2.44     0.0

 2  6 10 76     2.5  223.2     2.69     0.0

 3  6 10 76     5.5  177.7     2.75     0.0

 4  6 10 76     3.0  205.6     1.98     0.0

 5  6 10 76     2.7  204.5     0.87     0.0

 6  6 10 76     2.0  237.0     1.45     0.0

 7  6 10 76     2.4  217.3     0.91     0.0

 8  6 10 76     2.4  194.3     4.29     0.0

 9  6 10 76     4.4   53.4    10.98     0.0

10  6 10 76    14.4    5.5     9.16     0.0

11  6 10 76    15.8    7.4     7.77     0.0

12  6 10 76    13.3  356.1     6.63     0.0

13  6 10 76    11.0   10.1     5.56     0.0

14  6 10 76    12.1   11.7     6.31     0.0

15  6 10 76    13.9   11.6     6.78     0.0

16  6 10 76    11.2   12.3     6.66     0.0

17  6 10 76    13.9   18.6     7.20     0.0

18  6 10 76     7.7    9.9     5.70     0.0

19  6 10 76     3.0   12.8     2.96     0.0

20  6 10 76     5.5   12.5     2.19     0.0

21  6 10 76     6.6   25.5     2.13     0.0

22  6 10 76     5.0  339.4     2.32     0.0

23  6 10 76     9.4   12.2     1.49     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0  7 10 76      6.7   11.4     0.78     0.0

 1  7 10 76      1.9   35.3    -0.35     0.0

 2  7 10 76      2.1  187.4    -1.81     0.0

 3  7 10 76      5.8  342.3     0.23     0.0

 4  7 10 76      3.8    7.2    -0.30     0.0

 5  7 10 76      3.2  207.3    -3.60     0.0

 6  7 10 76      5.2  213.6    -7.50     0.0

 7  7 10 76      3.0  213.6    -7.11     0.0

 8  7 10 76      2.7  230.7    -0.41     0.0

 9  7 10 76      2.4  114.5     3.72     0.0

10  7 10 76      3.4   78.7     5.04     0.0

11  7 10 76      7.2   20.0     5.98     0.0

12  7 10 76      7.3   35.6     6.90     0.0

13  7 10 76      6.2  339.3     7.74     0.0

14  7 10 76      5.4   65.8     8.97     0.0

15  7 10 76      5.3   36.8     9.94     0.0

16  7 10 76      5.4   48.0    10.00     0.0

17  7 10 76      4.3   40.5     9.80     0.0

18  7 10 76      2.7  188.8     5.30     0.0

19  7 10 76      4.7  220.6    -0.24     0.0

20  7 10 76      4.4  193.6     0.03     0.0

21  7 10 76      3.0  205.5    -2.20     0.0

22  7 10 76      4.2  216.3    -4.16     0.0

23  7 10 76      3.4  225.1    -5.77     0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0  8 10 76      3.8   221.9   -6.96     0.0

 1  8 10 76      4.2   210.9   -6.71     0.0

 2  8 10 76      4.3   208.5   -7.59     0.0

 3  8 10 76      4.0   222.0   -8.65     0.0

 4  8 10 76      3.8   224.0   -9.67     0.0

 5  8 10 76      3.0   217.5   -9.53     0.0

 6  8 10 76      2.4   212.3   -9.52     0.0

 7  8 10 76      2.3   209.3   -9.53     0.0

 8  8 10 76      2.3   216.4   -0.68     0.0

 9  8 10 76      3.6    48.4    6.96     0.0

10  8 10 76      2.7    66.4   11.05     0.0

11  8 10 76      3.4    17.8   13.23     0.0

12  8 10 76      5.6    48.5   14.32     0.0

13  8 10 76      7.7    53.9   15.14     0.0

14  8 10 76      5.2    49.7   16.23     0.0

15  8 10 76      2.9    55.2   17.57     0.0

16  8 10 76      4.8    24.5   17.87     0.0

17  8 10 76      4.9    19.1   16.88     0.0

18  8 10 76      2.2   183.5   11.31     0.0

19  8 10 76      4.2   198.9    5.07     0.0

20  8 10 76      4.5   210.2    2.68     0.0

21  8 10 76      4.6   214.5    1.66     0.0

22  8 10 76      4.3   209.7   -0.63     0.0

23  8 10 76      4.9   211.0   -2.68     0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0  9 10 76      4.7  210.8    -2.85     0.0

 1  9 10 76      5.2  207.1    -4.23     0.0

 2  9 10 76      3.8  204.5    -4.86     0.0

 3  9 10 76      4.7  209.2    -5.55     0.0

 4  9 10 76      2.8  225.8    -6.30     0.0

 5  9 10 76      3.5  220.5    -7.08     0.0

 6  9 10 76      3.5  227.3    -6.80     0.0

 7  9 10 76      2.4  202.3    -6.95     0.0

 8  9 10 76      1.2  118.5     3.16     0.0

 9  9 10 76      4.7   20.7     9.48     0.0

10  9 10 76      5.2   51.4    11.68     0.0

11  9 10 76      3.3   69.3    16.39     0.0

12  9 10 76      4.4   21.6    19.05     0.0

13  9 10 76      4.4  334.9    20.96     0.0

14  9 10 76      7.6   12.6    21.60     0.0

15  9 10 76      4.6  292.5    22.73     0.0

16  9 10 76      5.9   11.7    22.15     0.0

17  9 10 76      5.9  333.0    21.18     0.0

18  9 10 76      2.4  158.9    14.45     0.0

19  9 10 76      4.3  202.2     9.09     0.0

20  9 10 76      4.1  226.8     5.04     0.0

21  9 10 76      3.9  200.7     3.75     0.0

22  9 10 76      4.9  214.7     0.44     0.0

23  9 10 76      5.8  221.6    -0.33     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR     WS10   WDR10    AT10      PREC
++ ++ ++ ++    +-------------------------------+

 0 10 10 76      5.5   219.3    -1.91      0.0

 1 10 10 76      5.7   219.1    -2.36      0.0

 2 10 10 76      4.9   222.8    -2.79      0.0

 3 10 10 76      5.3   218.9    -3.43      0.0

 4 10 10 76      6.2   223.5    -3.43      0.0

 5 10 10 76      5.4   220.3    -4.39      0.0

 6 10 10 76      5.4   213.3    -4.22      0.0

 7 10 10 76      4.7   221.7    -4.07      0.0

 8 10 10 76      3.8   209.8     4.19      0.0

 9 10 10 76      4.9    40.6    11.98      0.0

10 10 10 76      4.9    37.5    15.79      0.0

11 10 10 76      3.8   127.6    21.66      0.0

12 10 10 76      8.1   208.9    21.90      0.0

13 10 10 76     12.5   224.3    22.34      0.0

14 10 10 76     14.0   205.9    22.21      0.0

15 10 10 76     13.6   194.7    22.09      0.0

16 10 10 76     13.4   192.5    21.24      0.0

17 10 10 76     11.3   191.7    19.66      0.0

18 10 10 76     10.4   170.6    17.16      0.0

19 10 10 76     10.6   173.5    15.17      0.0

20 10 10 76      4.5   206.0     8.79      0.0

21 10 10 76      1.7    97.6     5.47      0.0

22 10 10 76      1.5   179.6     3.09      0.0

23 10 10 76      2.0   203.6     1.91      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 11 10 76       1.7  188.9     1.90     0.0

 1 11 10 76       1.6  196.7    -0.01     0.0

 2 11 10 76       3.1  199.9     0.29     0.0

 3 11 10 76       3.9  211.6    -1.00     0.0

 4 11 10 76       5.0  210.1    -0.54     0.0

 5 11 10 76       5.4  221.9    -0.18     0.0

 6 11 10 76       1.5  179.9    -0.66     0.0

 7 11 10 76       4.2  241.6    -0.12     0.0

 8 11 10 76       1.1  307.4     3.36     0.0

 9 11 10 76       1.7   59.2     9.43     0.0

10 11 10 76       3.3   32.4    17.41     0.0

11 11 10 76       9.4  224.2    18.94     0.0

12 11 10 76      10.3  232.9    19.41     0.0

13 11 10 76       5.7  269.1    19.10     0.0

14 11 10 76      12.4  198.9    19.92     0.0

15 11 10 76      11.3  195.1    19.82     0.0

16 11 10 76      10.3  200.6    19.81     0.0

17 11 10 76       8.5  186.2    18.62     0.0

18 11 10 76       5.4  178.2    13.23     0.0

19 11 10 76       3.9  209.9     7.83     0.0

20 11 10 76       3.0  212.5     4.54     0.0

21 11 10 76       4.5  212.9     1.49     0.0

22 11 10 76       4.0  208.1     1.73     0.0

23 11 10 76       4.0  220.1     2.38     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10   AT10     PREC
++ ++ ++ ++    +----------------------------+

 0 12 10 76      4.3  219.0    0.86     0.0

 1 12 10 76      3.8  202.9   -0.07     0.0

 2 12 10 76      4.6  218.8   -1.26     0.0

 3 12 10 76      4.3  213.7   -2.13     0.0

 4 12 10 76      5.2  222.0   -2.68     0.0

 5 12 10 76      1.6  236.1   -2.55     0.0

 6 12 10 76      3.9  226.2   -2.19     0.0

 7 12 10 76      2.9  210.8   -1.88     0.0

 8 12 10 76      1.1  254.5    4.86     0.0

 9 12 10 76      2.7   42.7   10.77     0.0

10 12 10 76      7.3   18.2   10.93     0.0

11 12 10 76     11.9   16.1   12.63     0.0

12 12 10 76     10.1   13.1   14.35     0.0

13 12 10 76      9.9   21.1   15.30     0.0

14 12 10 76      6.5    1.1   16.43     0.0

15 12 10 76      8.9   10.8   16.65     0.0

16 12 10 76      7.1  349.6   16.82     0.0

17 12 10 76     10.4   13.3   15.94     0.0

18 12 10 76      2.0  219.1   10.87     0.0

19 12 10 76      3.9  213.4    2.43     0.0

20 12 10 76      4.7  217.7    1.74     0.0

21 12 10 76      4.8  203.6    0.45     0.0

22 12 10 76      4.5  219.1   -0.83     0.0

23 12 10 76      3.7  209.7   -0.89     0.0
```

```
  RIO BLANCO OIL SHALE PROJECT   SITE   FOUR

                  METEOROLOGICAL DATA
HR DY MO YR       WS10   WDR10     AT10      PREC
++ ++ ++ ++     +-------------------------------+

 0 13 10 76       3.6   219.1    -1.67       0.0

 1 13 10 76       1.6   223.4    -3.88       0.0

 2 13 10 76       4.5   209.8    -3.78       0.0

 3 13 10 76       3.1   209.8    -5.59       0.0

 4 13 10 76       3.4   224.1    -7.27       0.0

 5 13 10 76       3.6   218.1    -7.62       0.0

 6 13 10 76       3.1   214.8    -7.71       0.0

 7 13 10 76       4.0   228.8    -7.81       0.0

 8 13 10 76       1.2   165.3     1.69       0.0

 9 13 10 76       4.3    47.3     8.02       0.0

10 13 10 76       5.1    30.2    11.17       0.0

11 13 10 76       4.2    70.2    14.97       0.0

12 13 10 76       4.0    64.8    16.40       0.0

13 13 10 76       6.5    49.6    17.31       0.0

14 13 10 76       6.8    27.1    18.29       0.0

15 13 10 76       8.9    30.4    18.54       0.0

16 13 10 76       7.8   297.4    19.20       0.0

17 13 10 76       5.7   257.5    18.51       0.0

18 13 10 76       2.8   192.9    11.15       0.0

19 13 10 76       2.5   199.9     3.55       0.0

20 13 10 76       4.4   220.6     1.69       0.0

21 13 10 76       5.0   212.2     0.10       0.0

22 13 10 76       4.9   212.6    -0.74       0.0

23 13 10 76       3.2   222.2    -3.20       0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++    +----------------------------+

 0 14 10 76       4.0  217.3   -4.04     0.0

 1 14 10 76       4.6  215.9   -5.13     0.0

 2 14 10 76       4.7  215.0   -6.08     0.0

 3 14 10 76       5.4  215.9   -5.77     0.0

 4 14 10 76       4.1  220.5   -7.43     0.0

 5 14 10 76       3.2  236.0   -7.61     0.0

 6 14 10 76       3.7  208.6   -8.24     0.0

 7 14 10 76       4.4  223.4   -7.65     0.0

 8 14 10 76       2.3  224.7    0.42     0.0

 9 14 10 76       3.3   53.4    8.10     0.0

10 14 10 76       3.3   56.9   13.20     0.0

11 14 10 76       2.6   67.1   16.43     0.0

12 14 10 76       5.4    7.7   17.69     0.0

13 14 10 76       4.2  182.9   18.87     0.0

14 14 10 76       4.6  187.9   19.39     0.0

15 14 10 76       5.2   71.3   19.45     0.0

16 14 10 76       3.5   46.3   19.91     0.0

17 14 10 76       2.4  300.5   18.99     0.0

18 14 10 76       2.0  183.4   11.62     0.0

19 14 10 76       4.4  218.7    4.05     0.0

20 14 10 76       4.0  203.1    3.27     0.0

21 14 10 76       3.8  204.8    0.73     0.0

22 14 10 76       2.9  200.1   -1.75     0.0

23 14 10 76       2.4  217.8   -3.06     0.0
```

```
                 METEOROLOGICAL DATA
HR DY MO YR       WS10  WDR10     AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 15 10 76       4.3  217.3    -4.27       0.0

 1 15 10 76       2.1  211.1    -3.52       0.0

 2 15 10 76       3.6  218.8    -5.66       0.0

 3 15 10 76       3.3  209.3    -5.89       0.0

 4 15 10 76       3.7  214.4    -6.43       0.0

 5 15 10 76       3.4  207.6    -6.07       0.0

 6 15 10 76       4.1  216.4    -7.24       0.0

 7 15 10 76       3.6  230.4    -8.14       0.0

 8 15 10 76       1.0  122.0     0.62       0.0

 9 15 10 76       2.9   19.1     7.81       0.0

10 15 10 76       3.4   22.7    10.96       0.0

11 15 10 76       3.8   35.8    14.25       0.0

12 15 10 76       4.8   20.9    15.52       0.0

13 15 10 76       5.9   71.1    16.55       0.0

14 15 10 76       6.0   37.2    18.07       0.0

15 15 10 76       8.8   45.0    17.74       0.0

16 15 10 76       8.4   24.0    17.81       0.0

17 15 10 76       7.1   12.6    16.01       0.0

18 15 10 76       2.9  205.0     9.42       0.0

19 15 10 76       4.7  217.9     3.92       0.0

20 15 10 76       3.3  208.5     2.78       0.0

21 15 10 76       4.0  219.2    -0.14       0.0

22 15 10 76       2.9  201.1    -1.46       0.0

23 15 10 76       4.6  219.4    -1.00       0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL  DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 16 10 76       2.6   211.4   -2.19      0.0

 1 16 10 76       3.1   223.7   -3.95      0.0

 2 16 10 76       3.1   225.4   -4.32      0.0

 3 16 10 76       2.7   219.8   -6.20      0.0

 4 16 10 76       4.4   204.8   -6.35      0.0

 5 16 10 76       3.1   215.3   -5.88      0.0

 6 16 10 76       1.6   207.0   -6.58      0.0

 7 16 10 76       3.8   206.3   -7.43      0.0

 8 16 10 76       1.1   234.2    1.03      0.0

 9 16 10 76       3.3    36.6    7.68      0.0

10 16 10 76       3.2    13.1   12.06      0.0

11 16 10 76       4.1    43.6   14.41      0.0

12 16 10 76       5.6    49.1   15.48      0.0

13 16 10 76       5.3    38.9   16.65      0.0

14 16 10 76       5.1    23.9   17.60      0.0

15 16 10 76       7.2   270.4   17.87      0.0

16 16 10 76       9.6   252.3   17.64      0.0

17 16 10 76       4.6   267.3   16.79      0.0

18 16 10 76       4.1   201.4    8.82      0.0

19 16 10 76       3.4   219.6    5.18      0.0

20 16 10 76       2.4   216.2    1.53      0.0

21 16 10 76       2.8   209.8    0.16      0.0

22 16 10 76       3.0   219.0   -1.30      0.0

23 16 10 76       5.4   203.7   -1.84      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 17 10 76     4.9  214.3     1.81     0.0

 1 17 10 76     3.4  217.8     1.13     0.0

 2 17 10 76     3.3  235.6     1.10     0.0

 3 17 10 76     5.8  221.7    -0.31     0.0

 4 17 10 76     6.4  202.4     5.48     0.0

 5 17 10 76     2.6  350.5    -0.03     0.0

 6 17 10 76     3.5   23.3     1.84     0.0

 7 17 10 76     1.3  271.5     4.09     0.0

 8 17 10 76     7.9  152.2    10.30     0.0

 9 17 10 76     9.4  156.5    12.38     0.0

10 17 10 76    16.0  213.6    14.93     0.0

11 17 10 76    17.8  210.9    16.38     0.0

12 17 10 76    18.8  229.5    17.22     0.0

13 17 10 76    18.8  211.4    17.31     0.0

14 17 10 76    19.1  209.3    16.95     0.0

15 17 10 76    19.0  233.6    16.32     0.0

16 17 10 76    16.1  263.1    15.61     0.0

17 17 10 76    14.6  276.1    14.66     0.0

18 17 10 76    11.1  258.7    12.24     0.0

19 17 10 76    12.2    9.9     9.19     0.0

20 17 10 76    13.7    8.6     6.04     0.0

21 17 10 76     8.4  353.0     4.10     0.0

22 17 10 76     4.6  322.6     0.69     0.0

23 17 10 76     2.7  197.9    -3.42     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 18 10 76      3.1  228.4   -7.88     0.0

 1 18 10 76      3.2  221.2   -9.98     0.0

 2 18 10 76      4.2  220.7  -11.00     0.0

 3 18 10 76      5.1  207.4  -10.50     0.0

 4 18 10 76      4.1  222.0  -11.70     0.0

 5 18 10 76      4.7  219.0  -11.80     0.0

 6 18 10 76      4.2  211.3  -11.60     0.0

 7 18 10 76      4.1  217.1  -10.70     0.0

 8 18 10 76      2.2   42.3   -3.56     0.0

 9 18 10 76      5.4  354.1   -2.94     0.0

10 18 10 76      7.6    0.6   -1.16     0.0

11 18 10 76      9.5   23.0    0.44     0.0

12 18 10 76      7.3   34.6    1.76     0.0

13 18 10 76      6.1  329.3    2.86     0.0

14 18 10 76      8.5    4.8    3.15     0.0

15 18 10 76     10.1   12.8    3.37     0.0

16 18 10 76      9.1   17.9    3.57     0.0

17 18 10 76      7.5   16.6    2.89     0.0

18 18 10 76      2.3   11.0   -0.49     0.0

19 18 10 76      4.0  216.4   -7.55     0.0

20 18 10 76      3.7  219.8   -7.87     0.0

21 18 10 76      3.6  206.9   -9.23     0.0

22 18 10 76      5.2  215.9   -9.74     0.0

23 18 10 76      3.6  199.4   -9.84     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +----------------------------------+

 0 19 10 76      2.9  227.1  -12.40      0.0

 1 19 10 76      3.6  216.1  -14.10      0.0

 2 19 10 76      4.8  220.9  -13.70      0.0

 3 19 10 76      4.5  220.4  -14.70      0.0

 4 19 10 76      3.9  227.9  -15.10      0.0

 5 19 10 76      4.2  219.7  -16.20      0.0

 6 19 10 76      2.4  215.4  -16.20      0.0

 7 19 10 76      4.4  215.3  -16.70      0.0

 8 19 10 76      1.3  356.7   -7.53      0.0

 9 19 10 76      2.3   64.9   -0.43      0.0

10 19 10 76      5.3   29.5    2.86      0.0

11 19 10 76      4.2    5.9    6.13      0.0

12 19 10 76      4.5    6.9    7.80      0.0

13 19 10 76      5.2    1.6    9.07      0.0

14 19 10 76      3.0  256.9   10.72      0.0

15 19 10 76      3.9  245.8   12.34      0.0

16 19 10 76      3.1   28.7   11.95      0.0

17 19 10 76      6.9  349.4    9.81      0.0

18 19 10 76      3.1  209.0    2.88      0.0

19 19 10 76      3.4  218.7   -2.54      0.0

20 19 10 76      3.9  205.9   -4.73      0.0

21 19 10 76      3.2  206.4   -6.29      0.0

22 19 10 76      3.5  224.0   -8.77      0.0

23 19 10 76      2.9  190.5  -10.40      0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +---------------------------------+

 0 20 10 76      5.3  222.3  -11.00     0.0

 1 20 10 76      4.7  218.2  -11.20     0.0

 2 20 10 76      4.4  219.7  -11.90     0.0

 3 20 10 76      3.8  209.4  -13.30     0.0

 4 20 10 76      3.6  215.2  -13.30     0.0

 5 20 10 76      2.4  221.6  -13.10     0.0

 6 20 10 76      3.2  218.8  -14.30     0.0

 7 20 10 76      2.8  228.1  -14.20     0.0

 8 20 10 76      1.0  191.3   -5.93     0.0

 9 20 10 76      2.4   45.4    1.73     0.0

10 20 10 76      3.4   67.6    6.27     0.0

11 20 10 76      3.4    6.6    9.54     0.0

12 20 10 76      4.8   42.6   10.67     0.0

13 20 10 76      5.8   22.2   11.90     0.0

14 20 10 76      7.3   31.5   12.10     0.0

15 20 10 76      5.5   17.6   12.81     0.0

16 20 10 76      5.6   22.9   12.97     0.0

17 20 10 76      4.9   21.5   11.54     0.0

18 20 10 76      2.2  206.1    3.97     0.0

19 20 10 76      3.7  209.1   -0.19     0.0

20 20 10 76      5.3  207.5   -2.35     0.0

21 20 10 76      3.6  204.4   -3.86     0.0

22 20 10 76      3.8  217.0   -6.95     0.0

23 20 10 76      4.3  225.5   -7.65     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL  DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 21 10 76      4.6  229.2   -9.16     0.0

 1 21 10 76      5.0  218.8  -10.50     0.0

 2 21 10 76      4.1  208.8  -11.80     0.0

 3 21 10 76      3.8  222.3  -11.80     0.0

 4 21 10 76      5.1  220.2  -12.30     0.0

 5 21 10 76      4.2  216.3  -13.10     0.0

 6 21 10 76      4.3  219.8  -13.10     0.0

 7 21 10 76      3.0  226.4  -13.10     0.0

 8 21 10 76      1.7  207.8   -5.69     0.0

 9 21 10 76      2.9   55.9    3.56     0.0

10 21 10 76      4.1   39.8    8.40     0.0

11 21 10 76      4.1   20.6   12.20     0.0

12 21 10 76      4.0   67.5   14.43     0.0

13 21 10 76      4.4  322.1   15.19     0.0

14 21 10 76      8.1   22.7   15.15     0.0

15 21 10 76      5.7    4.0   15.42     0.0

16 21 10 76      8.6   15.9   14.20     0.0

17 21 10 76      6.2   10.0   12.84     0.0

18 21 10 76      3.9  196.3    5.15     0.0

19 21 10 76      2.1  222.9    0.71     0.0

20 21 10 76      3.3  210.9   -1.24     0.0

21 21 10 76      3.6  205.9   -3.16     0.0

22 21 10 76      5.2  226.4   -6.01     0.0

23 21 10 76      3.7  217.9   -8.19     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +-----------------------------+

 0 22 10 76       5.3  221.1   -8.34      0.0

 1 22 10 76       5.4  223.7   -8.20      0.0

 2 22 10 76       3.5  217.1   -8.97      0.0

 3 22 10 76       2.7  222.3   -9.48      0.0

 4 22 10 76       2.2  200.4   -8.75      0.0

 5 22 10 76       1.4  214.2   -8.28      0.0

 6 22 10 76       1.3  165.1   -7.02      0.0

 7 22 10 76       2.7  211.6   -7.32      0.0

 8 22 10 76       1.1   65.0   -1.54      0.0

 9 22 10 76       3.3   46.6    4.69      0.0

10 22 10 76       4.0   13.8   11.24      0.0

11 22 10 76       9.1  234.9   13.05      0.0

12 22 10 76       7.5  236.2   14.10      0.0

13 22 10 76       9.8  284.2   14.06      0.0

14 22 10 76      11.7  250.0   14.43      0.0

15 22 10 76      11.5  252.5   13.83      0.0

16 22 10 76      11.2  237.2   13.68      0.0

17 22 10 76      10.3  200.5   12.48      0.0

18 22 10 76       6.5  206.1    8.39      0.0

19 22 10 76       4.7  204.8    3.31      0.0

20 22 10 76       2.4  221.7    1.52      0.0

21 22 10 76       2.0  201.7   -2.24      0.0

22 22 10 76       5.1  232.4   -5.63      0.0

23 22 10 76       4.2  209.6   -7.01      0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++    +------------------------------+

 0 23 10 76       2.7   214.1   -5.88       0.0

 1 23 10 76       2.8   207.6   -7.04       0.0

 2 23 10 76       4.7   225.9   -7.19       0.0

 3 23 10 76       4.1   209.8   -6.38       0.0

 4 23 10 76       4.2   231.3   -8.74       0.0

 5 23 10 76       3.9   222.5   -9.22       0.0

 6 23 10 76       2.3   217.9   -8.13       0.0

 7 23 10 76       3.3   221.7   -8.27       0.0

 8 23 10 76       1.2    78.1   -1.21       0.0

 9 23 10 76       2.5    46.7    6.89       0.0

10 23 10 76       3.0   146.0   12.57       0.0

11 23 10 76       9.7   252.7   12.55       0.0

12 23 10 76      13.4   232.4   12.34       0.0

13 23 10 76      14.1   239.9   12.94       0.0

14 23 10 76      13.4   263.3   12.95       0.0

15 23 10 76      10.9   257.2   13.14       0.0

16 23 10 76       6.0   259.8   13.10       0.0

17 23 10 76       5.8   286.4   11.83       0.0

18 23 10 76       2.6   205.7    5.00       0.0

19 23 10 76       7.3   205.2    1.32       0.0

20 23 10 76       3.3   181.3   -0.08       0.0

21 23 10 76       2.3   202.5   -0.17       0.0

22 23 10 76       2.2   210.2    1.74       0.0

23 23 10 76       2.8   191.3    2.16       0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	24	10	76	3.8	200.7	-0.58	0.0
1	24	10	76	4.6	226.8	-3.47	0.0
2	24	10	76	3.0	203.2	-3.63	0.0
3	24	10	76	3.1	227.7	-4.77	0.0
4	24	10	76	3.8	221.1	-6.78	0.0
5	24	10	76	2.7	215.3	-7.94	0.0
6	24	10	76	4.1	209.7	-8.29	0.0
7	24	10	76	3.1	228.3	-8.01	0.0
8	24	10	76	1.9	217.3	-3.01	0.0
9	24	10	76	1.4	161.2	6.07	0.0
10	24	10	76	3.4	173.2	10.29	0.0
11	24	10	76	4.7	74.5	10.95	0.0
12	24	10	76	7.0	275.0	11.75	0.0
13	24	10	76	10.4	250.0	12.07	0.0
14	24	10	76	11.4	273.6	12.18	0.0
15	24	10	76	8.9	271.0	12.31	0.0
16	24	10	76	8.7	276.3	12.12	0.0
17	24	10	76	5.1	254.1	10.60	0.0
18	24	10	76	4.2	192.4	4.76	0.0
19	24	10	76	4.2	191.6	0.65	0.0
20	24	10	76	5.0	219.5	-1.40	0.0
21	24	10	76	2.3	216.8	-2.10	0.0
22	24	10	76	3.9	208.7	-3.62	0.0
23	24	10	76	4.6	217.4	-2.06	0.0

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	25	10	76	7.1	208.4	-2.77	0.0
1	25	10	76	4.6	212.1	-3.69	0.0
2	25	10	76	1.4	205.9	-6.74	0.0
3	25	10	76	3.1	196.2	-7.28	0.0
4	25	10	76	2.7	225.0	-7.31	0.0
5	25	10	76	3.6	214.1	-7.56	0.0
6	25	10	76	1.9	198.9	-4.15	0.0
7	25	10	76	3.8	220.0	-6.59	0.0
8	25	10	76	2.7	235.0	-2.19	0.0
9	25	10	76	2.8	39.8	4.94	0.0
10	25	10	76	11.1	232.7	11.41	0.0
11	25	10	76	13.4	238.5	11.19	0.0
12	25	10	76	13.4	274.7	11.76	0.0
13	25	10	76	11.4	274.7	11.38	0.0
14	25	10	76	16.1	258.8	9.53	0.0
15	25	10	76	16.7	262.5	6.02	0.0
16	25	10	76	6.8	204.7	4.12	0.0
17	25	10	76	3.4	160.8	4.18	0.0
18	25	10	76	6.9	329.5	1.66	0.0
19	25	10	76	4.5	166.9	-0.25	0.0
20	25	10	76	3.4	207.4	-1.87	0.0
21	25	10	76	2.8	197.3	-1.70	0.0
22	25	10	76	2.3	210.6	-2.90	0.0
23	25	10	76	3.5	222.8	-6.00	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +----------------------------------+

 0 26 10 76       4.5  207.3   -7.36      0.0

 1 26 10 76       4.8  211.3   -7.89      0.0

 2 26 10 76       3.7  208.4   -7.90      0.0

 3 26 10 76       3.1  188.9   -8.78      0.0

 4 26 10 76       3.3  210.0  -10.00      0.0

 5 26 10 76       1.8  196.0   -9.59      0.0

 6 26 10 76       3.0  222.2   -8.35      0.0

 7 26 10 76       1.9  234.2   -6.86      0.0

 8 26 10 76       1.2  222.3   -4.77      0.0

 9 26 10 76       3.6   30.4   -3.33      0.0

10 26 10 76     999.0  999.0    0.01      0.0

11 26 10 76     999.0  999.0    1.17      0.0

12 26 10 76     999.0  999.0    2.40      0.0

13 26 10 76     999.0  999.0    3.24      0.0

14 26 10 76     999.0  999.0    3.45      0.0

15 26 10 76      10.4    5.8    3.40      0.0

16 26 10 76      12.5   11.3    4.20      0.0

17 26 10 76       9.3    2.0    3.85      0.0

18 26 10 76       9.9    6.6    3.05      0.0

19 26 10 76       9.1    0.7    3.03      0.0

20 26 10 76      11.4   15.1    1.86      0.0

21 26 10 76       4.6  215.5   -0.91      0.0

22 26 10 76       3.4  222.0   -1.01      0.0

23 26 10 76       2.9  211.9   -5.11      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	27	10	76	2.7	226.6	-8.01	0.0
1	27	10	76	3.7	221.0	-10.08	0.0
2	27	10	76	4.3	228.3	-11.70	0.0
3	27	10	76	4.1	223.1	-11.40	0.0
4	27	10	76	3.0	229.7	-11.40	0.0
5	27	10	76	3.4	223.2	-11.90	0.0
6	27	10	76	5.4	213.0	-11.10	0.0
7	27	10	76	3.4	222.6	-12.00	0.0
8	27	10	76	4.1	214.9	-7.67	0.0
9	27	10	76	2.4	47.2	-1.13	0.0
10	27	10	76	3.0	77.2	1.66	0.0
11	27	10	76	3.3	64.6	3.63	0.0
12	27	10	76	7.0	32.6	4.83	0.0
13	27	10	76	6.3	59.9	5.64	0.0
14	27	10	76	3.4	16.9	7.14	0.0
15	27	10	76	6.5	13.5	7.44	0.0
16	27	10	76	7.0	353.3	6.89	0.0
17	27	10	76	5.2	5.7	5.59	0.0
18	27	10	76	2.4	209.1	-1.24	0.0
19	27	10	76	4.6	227.9	-6.03	0.0
20	27	10	76	3.9	227.9	-6.45	0.0
21	27	10	76	4.6	230.5	-7.91	0.0
22	27	10	76	4.4	236.0	-8.24	0.0
23	27	10	76	2.5	195.6	-9.34	0.0

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0 28 10 76      3.1  225.2  -11.20       0.0

 1 28 10 76      4.2  220.0  -12.20       0.0

 2 28 10 76      3.6  218.4  -13.50       0.0

 3 28 10 76      3.8  226.8  -13.80       0.0

 4 28 10 76      3.3  227.0  -15.00       0.0

 5 28 10 76      3.2  213.8  -15.70       0.0

 6 28 10 76      3.4  222.0  -15.60       0.0

 7 28 10 76      2.6  233.1  -15.60       0.0

 8 28 10 76      1.2  168.6  -10.20       0.0

 9 28 10 76      2.0   71.9   -1.36       0.0

10 28 10 76      2.7   97.3    3.66       0.0

11 28 10 76      4.2   49.0    5.47       0.0

12 28 10 76      4.1   18.9    7.83       0.0

13 28 10 76      5.3   56.9    8.41       0.0

14 28 10 76      7.4   12.4    9.31       0.0

15 28 10 76      7.4   13.3   10.13       0.0

16 28 10 76      6.2   23.7    9.55       0.0

17 28 10 76      4.6   12.1    8.11       0.0

18 28 10 76      4.2  209.4   -0.81       0.0

19 28 10 76      5.0  211.8   -3.07       0.0

20 28 10 76      4.8  231.6   -5.62       0.0

21 28 10 76      3.8  235.5   -7.12       0.0

22 28 10 76      3.8  219.3   -9.25       0.0

23 28 10 76      2.9  229.4   -9.42       0.0
```

```
                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +------------------------------+

 0 29 10 76      3.9  224.6  -10.40      0.0

 1 29 10 76      4.8  221.0  -11.70      0.0

 2 29 10 76      3.9  221.4  -11.00      0.0

 3 29 10 76      3.1  218.3  -12.60      0.0

 4 29 10 76      4.2  223.6  -13.40      0.0

 5 29 10 76      3.1  241.4  -13.50      0.0

 6 29 10 76      3.7  220.4  -13.50      0.0

 7 29 10 76      3.7  226.4  -14.00      0.0

 8 29 10 76      1.5  223.5   -8.17      0.0

 9 29 10 76      2.1   60.9    0.65      0.0

10 29 10 76      2.6   83.2    6.04      0.0

11 29 10 76      4.2   71.2    7.92      0.0

12 29 10 76      6.1   56.0    9.64      0.0

13 29 10 76      6.4   54.8   10.65      0.0

14 29 10 76      6.8   14.4   12.13      0.0

15 29 10 76      7.6   39.1   11.97      0.0

16 29 10 76      6.0   35.3   12.12      0.0

17 29 10 76      2.5   33.8   10.24      0.0

18 29 10 76      4.7  219.2    1.38      0.0

19 29 10 76      4.8  224.5   -0.32      0.0

20 29 10 76      4.0  221.0   -1.30      0.0

21 29 10 76      3.7  224.0   -3.61      0.0

22 29 10 76      4.7  215.2   -4.37      0.0

23 29 10 76      5.0  231.5   -7.44      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY  MO  YR      WS10  WDR10    AT10      PREC
++ ++  ++  ++    +------------------------------+

 0 30  10  76       5.0  227.3   -7.77       0.0

 1 30  10  76       3.4  233.3   -8.73       0.0

 2 30  10  76       4.1  229.5   -8.90       0.0

 3 30  10  76       3.5  235.9   -9.49       0.0

 4 30  10  76       3.3  222.6  -10.00       0.0

 5 30  10  76       2.0  224.9  -10.60       0.0

 6 30  10  76       4.3  222.6  -10.50       0.0

 7 30  10  76       3.6  224.0  -10.20       0.0

 8 30  10  76       1.6  212.9   -6.35       0.0

 9 30  10  76       4.3   46.8    2.44       0.0

10 30  10  76       3.9   52.4    6.53       0.0

11 30  10  76       4.8   69.2    9.92       0.0

12 30  10  76       5.6   42.0   11.06       0.0

13 30  10  76       5.7   30.6   12.22       0.0

14 30  10  76       6.1   29.7   12.32       0.0

15 30  10  76       7.1   14.8   12.94       0.0

16 30  10  76       6.7    7.6   12.62       0.0

17 30  10  76       5.6    8.6   10.82       0.0

18 30  10  76       3.1  211.2    2.05       0.0

19 30  10  76       5.7  230.2   -1.02       0.0

20 30  10  76       4.6  227.7   -2.45       0.0

21 30  10  76       4.9  230.6   -3.70       0.0

22 30  10  76       2.0  229.4   -5.24       0.0

23 30  10  76       2.7  213.2   -6.86       0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0 31 10 76       3.4  221.8    -6.95      0.0

 1 31 10 76       3.0  210.1    -7.84      0.0

 2 31 10 76       3.9  227.4    -9.30      0.0

 3 31 10 76       3.7  227.9    -9.91      0.0

 4 31 10 76       2.8  216.6   -10.20      0.0

 5 31 10 76       4.4  227.7   -11.40      0.0

 6 31 10 76       4.4  223.0   -11.50      0.0

 7 31 10 76       2.5  218.2   -11.10      0.0

 8 31 10 76       1.6  217.2    -5.54      0.0

 9 31 10 76       1.1   75.5     4.09      0.0

10 31 10 76       2.8   64.9     8.22      0.0

11 31 10 76       3.3   50.1    10.53      0.0

12 31 10 76       4.6   17.6    13.12      0.0

13 31 10 76       7.8  290.4    14.38      0.0

14 31 10 76      10.0  236.6    14.62      0.0

15 31 10 76       8.9  274.8    14.78      0.0

16 31 10 76       9.5  280.2    14.21      0.0

17 31 10 76       2.9  276.9    12.71      0.0

18 31 10 76       3.6  205.6     2.81      0.0

19 31 10 76       3.8  218.0     0.81      0.0

20 31 10 76       3.5  216.8    -3.01      0.0

21 31 10 76       5.2  225.6    -4.58      0.0

22 31 10 76       5.1  222.3    -4.56      0.0

23 31 10 76       4.0  229.7    -5.07      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +----------------------------+

 0  1 11 76      3.7  232.9    -6.33     0.0

 1  1 11 76      2.2  218.4    -7.72     0.0

 2  1 11 76      2.4  231.4    -8.51     0.0

 3  1 11 76      4.8  225.5    -8.07     0.0

 4  1 11 76      1.9  246.6    -8.76     0.0

 5  1 11 76      3.0  221.9    -9.33     0.0

 6  1 11 76      3.9  220.0   -10.40     0.0

 7  1 11 76      4.0  225.6   -11.10     0.0

 8  1 11 76      3.1  228.7    -5.15     0.0

 9  1 11 76      1.5  214.2     4.90     0.0

10  1 11 76      4.2   42.0     8.32     0.0

11  1 11 76      4.6   32.7    10.96     0.0

12  1 11 76      3.8  354.6    14.11     0.0

13  1 11 76      3.1  198.3    15.60     0.0

14  1 11 76      3.2   53.0    16.97     0.0

15  1 11 76      4.8  291.3    16.36     0.0

16  1 11 76      5.4  281.3    15.71     0.0

17  1 11 76      2.8   49.2    12.61     0.0

18  1 11 76      4.1  223.0     3.94     0.0

19  1 11 76      3.3  198.7     1.23     0.0

20  1 11 76      4.4  215.2    -1.29     0.0

21  1 11 76      4.0  228.4    -2.33     0.0

22  1 11 76      2.8  231.8    -4.18     0.0

23  1 11 76      4.2  230.7    -5.43     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++	+-------	----------	----------	-------+
0	2	11	76	4.3	210.2	-5.05	0.0
1	2	11	76	4.1	212.2	-5.57	0.0
2	2	11	76	4.6	223.5	-7.64	0.0
3	2	11	76	3.7	216.4	-8.60	0.0
4	2	11	76	4.3	229.8	-9.05	0.0
5	2	11	76	4.3	225.2	-9.59	0.0
6	2	11	76	4.1	227.4	-10.10	0.0
7	2	11	76	4.0	232.8	-10.10	0.0
8	2	11	76	2.5	237.3	-5.33	0.0
9	2	11	76	2.8	45.5	4.47	0.0
10	2	11	76	3.1	41.8	9.97	0.0
11	2	11	76	2.7	83.0	14.47	0.0
12	2	11	76	4.5	57.8	15.03	0.0
13	2	11	76	6.7	62.1	15.50	0.0
14	2	11	76	8.0	43.1	15.74	0.0
15	2	11	76	5.8	19.1	16.08	0.0
16	2	11	76	8.2	28.8	15.21	0.0
17	2	11	76	4.1	350.3	12.50	0.0
18	2	11	76	4.3	206.4	5.47	0.0
19	2	11	76	4.4	228.6	1.90	0.0
20	2	11	76	3.4	220.3	0.30	0.0
21	2	11	76	4.6	208.9	-0.62	0.0
22	2	11	76	2.8	227.0	-1.06	0.0
23	2	11	76	3.1	213.6	-0.89	0.0

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +----------------------------+

 0  3 11 76      1.9  216.1   -1.46     0.0

 1  3 11 76      1.1  180.3   -3.55     0.0

 2  3 11 76      3.9  232.7   -4.10     0.0

 3  3 11 76      2.5  235.2   -4.17     0.0

 4  3 11 76      3.1  221.3   -5.03     0.0

 5  3 11 76      2.1  220.4   -4.71     0.0

 6  3 11 76      2.4  204.1   -4.93     0.0

 7  3 11 76      4.0  218.0   -5.20     0.0

 8  3 11 76      1.7  160.3   -2.85     0.0

 9  3 11 76      2.8  220.3    3.39     0.0

10  3 11 76      4.2   24.4    6.28     0.0

11  3 11 76      4.6   71.9   10.68     0.0

12  3 11 76      7.2   15.3   10.41     0.0

13  3 11 76     12.4   27.2   10.94     0.0

14  3 11 76      9.4   10.9   11.90     0.0

15  3 11 76      9.5    9.8   12.12     0.0

16  3 11 76     10.1    7.2   11.56     0.0

17  3 11 76      6.3   12.9   10.39     0.0

18  3 11 76      2.7  185.0    4.02     0.0

19  3 11 76      4.2  227.0   -0.60     0.0

20  3 11 76      4.4  228.3   -1.71     0.0

21  3 11 76      5.1  224.3   -2.05     0.0

22  3 11 76      3.7  212.4   -3.79     0.0

23  3 11 76      3.5  230.9   -4.89     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	4	11	76	2.8	226.2	-6.19	0.0
1	4	11	76	3.1	242.2	-6.83	0.0
2	4	11	76	3.8	234.1	-7.66	0.0
3	4	11	76	4.0	232.0	-9.29	0.0
4	4	11	76	4.2	237.2	-9.43	0.0
5	4	11	76	2.3	218.0	-10.20	0.0
6	4	11	76	3.9	228.4	-10.60	0.0
7	4	11	76	3.6	225.6	-10.10	0.0
8	4	11	76	1.8	226.6	-7.14	0.0
9	4	11	76	1.6	245.0	1.24	0.0
10	4	11	76	2.3	94.9	8.26	0.0
11	4	11	76	3.1	124.8	12.25	0.0
12	4	11	76	3.1	32.4	13.79	0.0
13	4	11	76	3.8	1.5	14.62	0.0
14	4	11	76	6.2	31.7	14.17	0.0
15	4	11	76	4.3	3.7	14.81	0.0
16	4	11	76	4.5	44.6	14.61	0.0
17	4	11	76	3.9	45.4	12.27	0.0
18	4	11	76	4.9	225.1	2.90	0.0
19	4	11	76	4.3	209.8	1.70	0.0
20	4	11	76	3.4	227.3	-1.61	0.0
21	4	11	76	4.1	223.3	-3.58	0.0
22	4	11	76	3.9	228.2	-4.74	0.0
23	4	11	76	4.4	224.6	-6.00	0.0

```
   RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10     AT10      PREC
++ ++ ++ ++     +------------------------------+

 0  5 11 76       3.8  235.2    -5.82      0.0

 1  5 11 76       4.0  221.1    -6.11      0.0

 2  5 11 76       2.8  226.4    -6.38      0.0

 3  5 11 76       3.7  213.4    -5.05      0.0

 4  5 11 76       4.3  228.5    -5.79      0.0

 5  5 11 76       3.7  210.1    -7.92      0.0

 6  5 11 76       2.9  225.3    -8.51      0.0

 7  5 11 76       3.1  218.2    -9.15      0.0

 8  5 11 76       2.2  241.2    -5.92      0.0

 9  5 11 76       1.5  238.8     2.87      0.0

10  5 11 76       4.6   44.4     8.72      0.0

11  5 11 76       3.2   37.4    13.42      0.0

12  5 11 76       3.7  192.3    15.77      0.0

13  5 11 76       4.4   69.1    17.09      0.0

14  5 11 76       3.3  114.8    17.72      0.0

15  5 11 76       5.8   30.6    17.77      0.0

16  5 11 76       7.6   35.8    16.24      0.0

17  5 11 76       3.6   49.1    13.48      0.0

18  5 11 76       4.2  210.7     3.19      0.0

19  5 11 76       5.3  223.6     1.51      0.0

20  5 11 76       4.8  224.0    -0.68      0.0

21  5 11 76       3.1  199.0    -3.01      0.0

22  5 11 76       4.4  220.6    -3.14      0.0

23  5 11 76       4.5  234.6    -4.98      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	6	11	76	5.4	224.0	-5.87	0.0
1	6	11	76	4.3	236.3	-7.65	0.0
2	6	11	76	3.6	225.8	-8.27	0.0
3	6	11	76	4.2	231.4	-9.12	0.0
4	6	11	76	4.5	231.6	-9.84	0.0
5	6	11	76	3.8	229.1	-9.78	0.0
6	6	11	76	3.9	223.7	-9.69	0.0
7	6	11	76	3.1	219.6	-10.20	0.0
8	6	11	76	1.3	204.4	-6.42	0.0
9	6	11	76	1.6	137.7	4.72	0.0
10	6	11	76	4.4	47.1	8.10	0.0
11	6	11	76	2.9	91.6	12.52	0.0
12	6	11	76	4.8	65.1	14.61	0.0
13	6	11	76	4.6	53.3	15.76	0.0
14	6	11	76	3.4	325.0	16.73	0.0
15	6	11	76	7.2	11.2	15.65	0.0
16	6	11	76	8.5	7.8	15.01	0.0
17	6	11	76	6.5	12.2	13.32	0.0
18	6	11	76	5.3	45.3	11.17	0.0
19	6	11	76	2.3	248.8	9.22	0.0
20	6	11	76	4.6	216.5	3.47	0.0
21	6	11	76	4.2	202.3	1.09	0.0
22	6	11	76	4.7	227.7	-1.45	0.0
23	6	11	76	5.2	232.6	-2.98	0.0

```
  RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0  7 11 76      3.1   227.0   -4.61     0.0

 1  7 11 76      2.7   215.6   -6.14     0.0

 2  7 11 76      3.1   220.8   -7.88     0.0

 3  7 11 76      4.1   236.5   -7.79     0.0

 4  7 11 76      3.1   234.5   -8.55     0.0

 5  7 11 76      2.9   235.0   -9.53     0.0

 6  7 11 76      4.6   226.6  -10.00     0.0

 7  7 11 76      3.5   235.1  -10.50     0.0

 8  7 11 76      1.9   225.1   -6.27     0.0

 9  7 11 76      2.8    54.8    2.89     0.0

10  7 11 76      1.9   292.4    8.03     0.0

11  7 11 76      3.6    58.3   10.70     0.0

12  7 11 76      4.1    63.2   13.46     0.0

13  7 11 76      7.0    53.8   13.90     0.0

14  7 11 76      8.0    44.3   14.05     0.0

15  7 11 76      7.7    44.4   14.21     0.0

16  7 11 76      4.8    73.0   14.34     0.0

17  7 11 76      2.3   195.8   11.63     0.0

18  7 11 76      3.0   207.5    3.63     0.0

19  7 11 76      3.0   206.6    0.64     0.0

20  7 11 76      4.1   211.6   -1.57     0.0

21  7 11 76      6.0   226.7   -3.59     0.0

22  7 11 76      3.6   228.2   -5.69     0.0

23  7 11 76      4.2   235.0   -5.32     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	PREC
0	8	11	76	5.2	227.2	-6.22	0.0
1	8	11	76	4.4	228.9	-6.16	0.0
2	8	11	76	3.1	222.7	-8.08	0.0
3	8	11	76	3.3	219.4	-7.75	0.0
4	8	11	76	4.9	222.9	-9.09	0.0
5	8	11	76	4.0	227.2	-8.87	0.0
6	8	11	76	3.3	228.7	-7.66	0.0
7	8	11	76	2.4	230.4	-6.45	0.0
8	8	11	76	1.8	219.5	-5.08	0.0
9	8	11	76	1.1	358.1	1.96	0.0
10	8	11	76	2.8	49.1	6.50	0.0
11	8	11	76	3.4	48.9	13.55	0.0
12	8	11	76	7.4	305.2	15.69	0.0
13	8	11	76	6.9	263.4	15.54	0.0
14	8	11	76	6.5	306.3	15.48	0.0
15	8	11	76	8.4	272.0	16.14	0.0
16	8	11	76	2.4	303.4	14.66	0.0
17	8	11	76	2.5	195.8	10.92	0.0
18	8	11	76	5.1	219.0	3.12	0.0
19	8	11	76	3.4	221.6	-0.52	0.0
20	8	11	76	4.2	216.2	-2.15	0.0
21	8	11	76	5.6	224.3	-2.41	0.0
22	8	11	76	4.4	229.8	-3.71	0.0
23	8	11	76	2.6	224.8	-3.78	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                  METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0  9 11 76     4.0  235.1   -5.19     0.0

 1  9 11 76     4.2  220.3   -6.33     0.0

 2  9 11 76     2.4  211.6   -7.56     0.0

 3  9 11 76     4.1  224.1   -8.25     0.0

 4  9 11 76     3.4  219.4   -8.67     0.0

 5  9 11 76     4.8  222.4  -10.30     0.0

 6  9 11 76     3.9  235.9  -10.30     0.0

 7  9 11 76     3.8  209.8  -11.00     0.0

 8  9 11 76     1.6  226.9   -6.90     0.0

 9  9 11 76     1.4   73.5    3.09     0.0

10  9 11 76     2.6   75.2    8.74     0.0

11  9 11 76     3.5   48.9   12.35     0.0

12  9 11 76     3.8   82.8   14.15     0.0

13  9 11 76     4.6  336.7   15.25     0.0

14  9 11 76     4.7   60.3   15.18     0.0

15  9 11 76     5.6   42.5   15.39     0.0

16  9 11 76     5.3   27.8   14.29     0.0

17  9 11 76     2.2  349.8    9.77     0.0

18  9 11 76   999.0  999.0  999.00   999.00

19  9 11 76     4.7  223.6    0.42     0.0

20  9 11 76     3.5  222.6   -1.65     0.0

21  9 11 76     4.2  222.2   -3.18     0.0

22  9 11 76     5.0  226.5   -5.62     0.0

23  9 11 76     5.2  226.1   -7.71     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	10	11	76	5.1	224.3	-8.34	0.0
1	10	11	76	4.0	231.7	-8.74	0.0
2	10	11	76	1.1	245.3	-10.89	0.0
3	10	11	76	2.7	220.4	-10.00	0.0
4	10	11	76	3.8	219.8	-8.27	0.0
5	10	11	76	2.5	222.5	-8.66	0.0
6	10	11	76	3.9	222.1	-7.98	0.0
7	10	11	76	2.5	220.9	-8.34	0.0
8	10	11	76	2.4	240.8	-4.67	0.0
9	10	11	76	1.5	358.6	2.02	0.0
10	10	11	76	7.2	42.0	6.88	0.0
11	10	11	76	6.7	59.6	9.45	0.0
12	10	11	76	7.0	49.8	10.46	0.0
13	10	11	76	6.7	336.6	11.70	0.0
14	10	11	76	7.9	305.4	11.47	0.0
15	10	11	76	7.3	276.3	10.99	0.0
16	10	11	76	5.5	14.4	9.81	0.0
17	10	11	76	3.2	202.1	6.32	0.0
18	10	11	76	2.8	212.1	3.62	0.0
19	10	11	76	3.6	205.2	0.74	0.0
20	10	11	76	3.9	212.9	-2.98	0.0
21	10	11	76	4.4	226.6	-4.99	0.0
22	10	11	76	4.4	231.9	-5.51	0.0
23	10	11	76	4.9	225.7	-6.80	0.0

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 11 11 76       2.3   232.0   -7.89      0.0

 1 11 11 76       3.8   221.5  -10.40      0.0

 2 11 11 76       4.1   227.3   -9.95      0.0

 3 11 11 76       3.9   231.3   -9.53      0.0

 4 11 11 76       3.8   224.6  -10.50      0.0

 5 11 11 76       3.4   220.8  -11.70      0.0

 6 11 11 76       4.0   222.9  -12.30      0.0

 7 11 11 76       3.5   232.8  -12.90      0.0

 8 11 11 76       1.2   220.0   -8.89      0.0

 9 11 11 76       3.5    45.3   -1.78      0.0

10 11 11 76       4.8    46.7    1.51      0.0

11 11 11 76       5.5    55.2    3.95      0.0

12 11 11 76       6.1    53.2    6.31      0.0

13 11 11 76       6.2    21.5    7.39      0.0

14 11 11 76       7.6   357.3    8.13      0.0

15 11 11 76       8.6     3.1    8.16      0.0

16 11 11 76      10.2    20.2    6.98      0.0

17 11 11 76       5.1   359.8    4.85      0.0

18 11 11 76       2.9   211.3   -2.66      0.0

19 11 11 76       4.5   222.1   -5.14      0.0

20 11 11 76       5.1   231.2   -6.38      0.0

21 11 11 76       4.5   230.0   -7.30      0.0

22 11 11 76       5.8   226.8   -8.30      0.0

23 11 11 76       2.2   225.9   -9.09      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +------------------------------+

 0 12 11 76       3.7  220.6  -10.00       0.0

 1 12 11 76       4.0  227.7  -10.70       0.0

 2 12 11 76       4.7  226.2  -11.90       0.0

 3 12 11 76       4.7  225.4  -13.10       0.0

 4 12 11 76       4.7  226.5  -13.20       0.0

 5 12 11 76       4.0  215.7  -13.60       0.0

 6 12 11 76       4.1  222.2  -14.50       0.0

 7 12 11 76       4.1  226.0  -15.10       0.0

 8 12 11 76       3.7  228.3  -13.10       0.0

 9 12 11 76       2.1  168.7   -6.74       0.0

10 12 11 76       4.3   29.3   -3.49       0.0

11 12 11 76       5.8   22.2   -2.87       0.0

12 12 11 76       4.7    1.3   -1.06       0.0

13 12 11 76       6.3   15.4   -0.83       0.0

14 12 11 76       4.7  348.1    0.30       0.0

15 12 11 76       4.7    0.9    0.46       0.0

16 12 11 76       5.4  337.3    0.95       0.0

17 12 11 76       3.7  358.6   -0.13       0.0

18 12 11 76       2.9  199.2   -3.31       0.0

19 12 11 76       3.2  210.8   -5.69       0.0

20 12 11 76       3.2  209.3   -6.65       0.0

21 12 11 76       3.2  222.3   -5.95       0.0

22 12 11 76       3.2  232.3   -5.72       0.0

23 12 11 76       3.7  220.1   -8.32       0.0
```

```
  RIO BLANCO OIL SHALE PROJECT  SITE   FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 13 11 76      3.9  233.1   -8.96     0.0

 1 13 11 76      3.5  233.6   -9.65     0.0

 2 13 11 76      3.0  231.7   -8.11     0.0

 3 13 11 76      2.4  212.4   -7.34     0.0

 4 13 11 76      2.5  228.0   -7.69     0.0

 5 13 11 76      1.3  239.6   -6.41     0.0

 6 13 11 76      1.5  227.7   -5.88     0.0

 7 13 11 76      1.9  139.8   -5.47     0.0

 8 13 11 76      0.8  265.8   -6.24     0.0

 9 13 11 76      1.6  115.0   -2.25     0.0

10 13 11 76      1.6   88.8   -0.22     0.0

11 13 11 76      3.2   33.2    2.78     0.0

12 13 11 76      5.6  241.5    3.08     0.0

13 13 11 76     10.3  203.2    2.28     0.0

14 13 11 76      6.7  166.4    3.37     0.0

15 13 11 76      3.9  156.6    3.27     0.0

16 13 11 76      6.4  215.7    4.26     0.0

17 13 11 76      6.2  199.3    3.03     0.0

18 13 11 76      2.4  212.7   -0.43     0.0

19 13 11 76      3.9  196.1   -2.82     0.0

20 13 11 76      3.9  230.8   -7.67     0.0

21 13 11 76      4.4  222.9   -9.23     0.0

22 13 11 76      4.3  215.1  -10.10     0.0

23 13 11 76      4.3  219.5  -10.90     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10   WDR10    AT10      PREC
++ ++ ++ ++    +-----------------------------------+

 0 14 11 76      2.4   214.2  -10.40      0.0

 1 14 11 76      1.9   196.9  -11.10      0.0

 2 14 11 76      4.6   228.4  -11.00      0.0

 3 14 11 76      3.7   224.6  -11.00      0.0

 4 14 11 76      1.5   192.2  -11.70      0.0

 5 14 11 76      2.0   213.9  -12.00      0.0

 6 14 11 76      1.8   197.9  -11.80      0.0

 7 14 11 76      2.9   225.2  -12.50      0.0

 8 14 11 76      2.7   224.2  -10.20      0.0

 9 14 11 76      2.2   216.9   -4.68      0.0

10 14 11 76      9.0   223.3    2.69      0.0

11 14 11 76      9.7   225.1    5.13      0.0

12 14 11 76     10.6   240.7    5.70      0.0

13 14 11 76     13.6   256.6    6.38      0.0

14 14 11 76     12.3   256.0    7.34      0.0

15 14 11 76     11.8   280.0    6.89      0.0

16 14 11 76      5.3   286.7    5.49      0.0

17 14 11 76      3.2   227.4    2.23      0.0

18 14 11 76      5.5   205.6    2.12      0.0

19 14 11 76      7.1   215.2    2.01      0.0

20 14 11 76      6.9   213.8    1.70      0.0

21 14 11 76      1.5   248.2   -0.81      0.0

22 14 11 76      3.6   204.5   -3.98      0.0

23 14 11 76      4.1   216.7   -7.46      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 15 11 76      3.0  234.6   -8.01      0.0

 1 15 11 76      3.8  227.3   -9.27      0.0

 2 15 11 76      3.8  220.7  -10.30      0.0

 3 15 11 76      4.0  235.9  -11.30      0.0

 4 15 11 76      3.4  230.7  -11.30      0.0

 5 15 11 76      3.0  229.9  -13.20      0.0

 6 15 11 76      3.5  224.2  -14.50      0.0

 7 15 11 76      3.1  229.7  -15.40      0.0

 8 15 11 76      2.2  217.3  -12.90      0.0

 9 15 11 76      2.3  219.3   -5.31      0.0

10 15 11 76      2.1   45.1    1.43      0.0

11 15 11 76      4.1   60.6    2.71      0.0

12 15 11 76      4.6  128.0    4.18      0.0

13 15 11 76      3.7  199.5    5.75      0.0

14 15 11 76      3.8  138.0    6.80      0.0

15 15 11 76      3.9  216.0    7.26      0.0

16 15 11 76      7.5  276.7    6.15      0.0

17 15 11 76      3.7  231.4    3.21      0.0

18 15 11 76      4.2  215.4   -1.94      0.0

19 15 11 76      3.3  209.3   -4.60      0.0

20 15 11 76      3.5  217.5   -5.00      0.0

21 15 11 76      4.0  208.0   -3.50      0.0

22 15 11 76      2.8  230.1   -2.46      0.0

23 15 11 76      3.9  218.0   -1.00      0.0
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                 METEOROLOGICAL DATA
 HR DY MO YR      WS10  WDR10    AT10     PREC
 ++ ++ ++ ++    +-----------------------------+

  0 16 11 76       4.9  215.9   -0.88      0.0

  1 16 11 76       5.0   37.5   -3.01      0.0

  2 16 11 76       1.4  182.9   -3.60      0.0

  3 16 11 76       3.6  219.1   -4.69      0.0

  4 16 11 76       3.1  216.8   -5.23      0.0

  5 16 11 76       2.8  217.5   -4.75      0.0

  6 16 11 76       4.3  215.8   -3.65      0.0

  7 16 11 76       4.0  222.6   -2.82      0.0

  8 16 11 76       2.6  229.7   -1.92      0.0

  9 16 11 76       3.8   30.1    2.69      0.0

 10 16 11 76       7.5   17.2    3.19      0.0

 11 16 11 76      10.4   31.9    4.30      0.0

 12 16 11 76       8.7    3.5    5.11      0.0

 13 16 11 76       6.6   58.4    6.06      0.0

 14 16 11 76       7.0   38.2    6.28      0.0

 15 16 11 76       5.1   36.8    7.35      0.0

 16 16 11 76       2.4  206.3    7.65      0.0

 17 16 11 76       2.1  212.0    3.44      0.0

 18 16 11 76       3.3  219.6   -1.22      0.0

 19 16 11 76       3.5  214.0   -4.18      0.0

 20 16 11 76       3.3  220.2   -4.95      0.0

 21 16 11 76       3.8  231.9   -7.51      0.0

 22 16 11 76       4.7  231.2   -9.04      0.0

 23 16 11 76       5.3  218.6   -8.34      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------------+

 0 17 11 76      4.6   223.0   -8.46      0.0

 1 17 11 76      3.9   223.8   -9.87      0.0

 2 17 11 76      3.6   216.1  -10.70      0.0

 3 17 11 76      1.4   211.6  -10.70      0.0

 4 17 11 76      2.6   230.0  -11.50      0.0

 5 17 11 76      3.3   227.8  -11.80      0.0

 6 17 11 76      3.3   222.6  -11.80      0.0

 7 17 11 76      2.4   218.4  -11.20      0.0

 8 17 11 76      3.4   213.6  -10.20      0.0

 9 17 11 76      2.8   199.7   -1.77      0.0

10 17 11 76      2.4   175.1    5.28      0.0

11 17 11 76      5.1    39.1    7.83      0.0

12 17 11 76      5.5    29.1   10.09      0.0

13 17 11 76      4.1    54.0   11.88      0.0

14 17 11 76      3.8    72.9   14.13      0.0

15 17 11 76      3.9    23.8   13.49      0.0

16 17 11 76      6.4    24.4   12.98      0.0

17 17 11 76      2.7    26.3    8.46      0.0

18 17 11 76      3.6   200.3    1.19      0.0

19 17 11 76      4.4   213.1   -0.54      0.0

20 17 11 76      3.4   213.2   -2.91      0.0

21 17 11 76      3.4   212.9   -4.74      0.0

22 17 11 76      2.6   233.3   -6.90      0.0

23 17 11 76      4.3   227.5   -7.39      0.0
```

```
   RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

                  METEOROLOGICAL DATA
 HR DY MO YR      WS10  WDR10    AT10     PREC
 ++ ++ ++ ++    +-----------------------------+

  0 18 11 76       3.9  234.7   -6.76      0.0

  1 18 11 76       4.6  219.6   -7.53      0.0

  2 18 11 76       2.7  226.6   -8.08      0.0

  3 18 11 76       3.5  229.4   -8.62      0.0

  4 18 11 76       2.6  235.2   -9.21      0.0

  5 18 11 76       2.6  216.7   -9.40      0.0

  6 18 11 76       3.0  221.8   -9.95      0.0

  7 18 11 76       5.1  221.3   -9.70      0.0

  8 18 11 76       1.0  177.0   -6.08      0.0

  9 18 11 76       1.2  217.8    2.42      0.0

 10 18 11 76       3.2   41.2    7.93      0.0

 11 18 11 76       5.0   53.5    9.41      0.0

 12 18 11 76       6.8   50.8   11.21      0.0

 13 18 11 76       4.5   53.2   13.16      0.0

 14 18 11 76       3.7   35.1   14.00      0.0

 15 18 11 76       3.3   68.0   14.15      0.0

 16 18 11 76       5.1   37.1   13.48      0.0

 17 18 11 76       1.0  359.2    8.66      0.0

 18 18 11 76       4.9  225.6    1.01      0.0

 19 18 11 76       4.2  213.7   -0.42      0.0

 20 18 11 76       2.9  223.9   -3.11      0.0

 21 18 11 76       5.1  213.0   -3.79      0.0

 22 18 11 76       3.3  240.6   -5.71      0.0

 23 18 11 76       2.4  236.0   -6.32      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++   +---------------------------------+

 0 19 11 76      4.2  225.4   -7.87      0.0

 1 19 11 76      3.1  217.7   -8.96      0.0

 2 19 11 76      4.4  224.8   -8.53      0.0

 3 19 11 76      3.7  232.1   -9.14      0.0

 4 19 11 76      4.0  232.7  -10.30      0.0

 5 19 11 76      4.0  230.1  -10.40      0.0

 6 19 11 76      2.5  213.8  -10.90      0.0

 7 19 11 76      4.9  224.1  -11.60      0.0

 8 19 11 76      2.5  219.2   -9.15      0.0

 9 19 11 76      2.6  214.3   -2.15      0.0

10 19 11 76      3.3   58.4    5.24      0.0

11 19 11 76      4.4   35.8    9.21      0.0

12 19 11 76      8.3   53.4    9.78      0.0

13 19 11 76      7.4   41.9   10.49      0.0

14 19 11 76      6.6   58.2   11.38      0.0

15 19 11 76      3.6   60.9   12.22      0.0

16 19 11 76      6.9  214.4   12.36      0.0

17 19 11 76      3.8  213.7    7.46      0.0

18 19 11 76      4.7  218.5    0.43      0.0

19 19 11 76      4.2  213.6   -2.39      0.0

20 19 11 76      4.3  228.3   -4.07      0.0

21 19 11 76      4.6  219.0   -4.77      0.0

22 19 11 76      4.7  225.5   -6.67      0.0

23 19 11 76      3.9  223.3   -7.67      0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
++	++	++	++				
0	20	11	76	3.4	223.4	-8.31	0.0
1	20	11	76	2.9	232.3	-9.68	0.0
2	20	11	76	4.0	223.2	-10.20	0.0
3	20	11	76	1.8	224.2	-10.30	0.0
4	20	11	76	3.4	223.1	-10.70	0.0
5	20	11	76	4.2	226.8	-11.00	0.0
6	20	11	76	4.6	234.7	-11.90	0.0
7	20	11	76	6.5	217.5	-10.90	0.0
8	20	11	76	4.6	208.7	-9.03	0.0
9	20	11	76	2.3	220.5	-1.66	0.0
10	20	11	76	6.2	50.3	0.91	0.0
11	20	11	76	4.9	59.5	4.95	0.0
12	20	11	76	5.2	52.9	6.89	0.0
13	20	11	76	8.3	37.1	9.04	0.0
14	20	11	76	7.0	39.0	10.05	0.0
15	20	11	76	6.3	46.7	10.76	0.0
16	20	11	76	3.3	27.3	10.79	0.0
17	20	11	76	3.4	187.0	5.73	0.0
18	20	11	76	999.0	999.0	999.00	999.00
19	20	11	76	3.7	204.7	-2.57	0.0
20	20	11	76	3.4	216.5	-5.54	0.0
21	20	11	76	2.9	227.5	-7.64	0.0
22	20	11	76	2.3	189.0	-8.76	0.0
23	20	11	76	2.2	213.7	-10.40	0.0

```
   RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++    +-----------------------------+

 0 21 11 76       4.9  226.5  -11.50       0.0

 1 21 11 76       4.8  230.5  -11.70       0.0

 2 21 11 76       2.8  211.3  -12.70       0.0

 3 21 11 76       3.4  212.3  -13.70       0.0

 4 21 11 76       3.6  222.8  -14.70       0.0

 5 21 11 76       3.8  222.4  -15.10       0.0

 6 21 11 76       3.9  227.7  -15.80       0.0

 7 21 11 76       3.8  230.8  -16.00       0.0

 8 21 11 76       3.6  214.9  -13.90       0.0

 9 21 11 76       2.8   41.6   -6.28       0.0

10 21 11 76       2.6   78.3   -0.38       0.0

11 21 11 76       2.6   93.7    4.67       0.0

12 21 11 76       4.2   26.9    6.89       0.0

13 21 11 76       6.4   43.2    8.76       0.0

14 21 11 76       6.7   34.1    9.44       0.0

15 21 11 76       6.1   37.4    9.70       0.0

16 21 11 76       5.7   40.6    9.06       0.0

17 21 11 76       1.7  205.3    3.79       0.0

18 21 11 76       3.3  204.3   -1.90       0.0

19 21 11 76       4.5  223.1   -4.65       0.0

20 21 11 76       5.6  202.5   -5.48       0.0

21 21 11 76       3.2  224.6   -8.35       0.0

22 21 11 76       3.3  211.6  -10.00       0.0

23 21 11 76       5.0  227.2   -9.65       0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

```
               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------+

 0 22 11 76      3.3  228.4  -10.70      0.0

 1 22 11 76      3.5  224.1  -11.50      0.0

 2 22 11 76      3.1  229.1  -10.90      0.0

 3 22 11 76      4.3  231.8  -12.00      0.0

 4 22 11 76      3.7  218.2  -12.60      0.0

 5 22 11 76      3.2  224.9  -13.60      0.0

 6 22 11 76      2.5  222.7  -11.60      0.0

 7 22 11 76      3.8  216.4  -12.50      0.0

 8 22 11 76      2.7  230.7  -11.80      0.0

 9 22 11 76      1.2  175.7   -4.91      0.0

10 22 11 76      2.8   82.7    2.09      0.0

11 22 11 76      3.1   65.1    5.62      0.0

12 22 11 76      3.1   95.8    8.75      0.0

13 22 11 76      2.9   55.8   12.46      0.0

14 22 11 76      7.8  239.3   12.12      0.0

15 22 11 76      7.6  269.6   11.81      0.0

16 22 11 76      8.1  262.9   11.02      0.0

17 22 11 76      6.5  239.4    7.59      0.0

18 22 11 76      2.9  200.0   -0.19      0.0

19 22 11 76      5.4  231.0   -3.96      0.0

20 22 11 76      4.3  234.1   -6.75      0.0

21 22 11 76      2.3  240.8   -8.14      0.0

22 22 11 76      2.7  248.0  -10.10      0.0

23 22 11 76      5.8  224.2  -10.20      0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +------------------------------+

 0 23 11 76      3.9  231.5   -8.63     0.0

 1 23 11 76      4.2  213.1  -11.20     0.0

 2 23 11 76      1.6  260.2  -11.30     0.0

 3 23 11 76      3.6  210.7  -11.40     0.0

 4 23 11 76      3.5  219.9  -12.00     0.0

 5 23 11 76      2.9  232.5  -13.00     0.0

 6 23 11 76      3.9  234.3  -13.70     0.0

 7 23 11 76      4.0  232.0  -14.70     0.0

 8 23 11 76      4.5  235.3  -12.70     0.0

 9 23 11 76      1.9  179.1   -3.31     0.0

10 23 11 76      5.1   50.8    2.54     0.0

11 23 11 76      4.0   45.3    6.14     0.0

12 23 11 76      3.8   13.4    8.57     0.0

13 23 11 76      3.0  171.4   11.13     0.0

14 23 11 76      5.4  345.5   11.02     0.0

15 23 11 76      4.3  165.0   11.44     0.0

16 23 11 76      4.4  247.8   13.21     0.0

17 23 11 76      4.0   34.6    7.24     0.0

18 23 11 76      3.8  217.2   -1.91     0.0

19 23 11 76      6.1  220.2   -4.94     0.0

20 23 11 76      4.0  237.9   -5.92     0.0

21 23 11 76      3.2  229.4   -7.78     0.0

22 23 11 76      5.2  224.2   -9.51     0.0

23 23 11 76      4.4  229.8   -9.55     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR ++	DY ++	MO ++	YR ++	WS10	WDR10	AT10	PREC
0	24	11	76	3.6	227.0	-11.00	0.0
1	24	11	76	4.2	236.7	-12.40	0.0
2	24	11	76	3.1	216.5	-12.80	0.0
3	24	11	76	4.2	227.8	-13.90	0.0
4	24	11	76	4.7	222.3	-14.30	0.0
5	24	11	76	3.4	230.5	-14.70	0.0
6	24	11	76	4.5	218.3	-14.60	0.0
7	24	11	76	4.4	221.8	-14.70	0.0
8	24	11	76	2.8	234.9	-14.00	0.0
9	24	11	76	1.6	209.9	-4.25	0.0
10	24	11	76	3.2	59.3	1.93	0.0
11	24	11	76	3.4	56.2	6.55	0.0
12	24	11	76	6.0	41.2	8.89	0.0
13	24	11	76	6.8	230.5	12.20	0.0
14	24	11	76	8.6	250.6	12.20	0.0
15	24	11	76	7.8	247.2	12.88	0.0
16	24	11	76	6.5	238.6	12.27	0.0
17	24	11	76	5.7	197.9	6.71	0.0
18	24	11	76	4.9	187.2	1.35	0.0
19	24	11	76	4.8	228.9	-4.19	0.0
20	24	11	76	6.5	227.6	-6.03	0.0
21	24	11	76	5.3	231.9	-8.16	0.0
22	24	11	76	6.6	228.4	-9.44	0.0
23	24	11	76	5.3	226.3	-9.98	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

               METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10   AT10     PREC
++ ++ ++ ++     +-----------------------------+

 0 25 11 76       4.7  231.3  -10.60     0.0

 1 25 11 76       4.6  229.3  -11.30     0.0

 2 25 11 76       4.9  216.8  -12.10     0.0

 3 25 11 76       4.4  232.2  -11.30     0.0

 4 25 11 76       1.2  182.0   -8.88     0.0

 5 25 11 76       3.1  216.2   -9.70     0.0

 6 25 11 76       3.9  219.6   -9.51     0.0

 7 25 11 76       3.9  216.8  -10.90     0.0

 8 25 11 76       3.1  242.9  -10.10     0.0

 9 25 11 76       1.6  230.3   -6.05     0.0

10 25 11 76       1.7  160.2    2.82     0.0

11 25 11 76       5.8  148.7    7.83     0.0

12 25 11 76      15.4  235.4    8.72     0.0

13 25 11 76      15.3  257.9    9.38     0.0

14 25 11 76      16.1  259.6    9.77     0.0

15 25 11 76      12.4  254.4    9.12     0.0

16 25 11 76       8.6  242.4    8.86     0.0

17 25 11 76       5.7  198.9    6.21     0.0

18 25 11 76       8.9  198.9    4.30     0.0

19 25 11 76      13.4  252.2    6.57     0.0

20 25 11 76      10.4  238.8    5.87     0.0

21 25 11 76       6.3  208.5    2.30     0.0

22 25 11 76       3.7  212.2   -2.08     0.0

23 25 11 76       2.8  237.5   -4.59     0.0
```

RIO BLANCO OIL SHALE PROJECT SITE FOUR

METEOROLOGICAL DATA

HR	DY	MO	YR	WS10	WDR10	AT10	PREC
0	26	11	76	14.4	16.8	-0.42	0.0
1	26	11	76	7.6	31.6	-3.00	0.0
2	26	11	76	2.2	209.4	-5.30	0.01
3	26	11	76	1.0	181.1	-5.61	0.0
4	26	11	76	7.2	274.4	-4.32	0.0
5	26	11	76	14.7	356.3	-6.20	0.01
6	26	11	76	8.0	18.3	-7.85	0.0
7	26	11	76	11.0	15.5	-9.04	0.0
8	26	11	76	6.0	5.1	-9.37	0.0
9	26	11	76	10.5	1.5	-8.98	0.0
10	26	11	76	12.3	16.6	-8.19	0.0
11	26	11	76	14.0	26.6	-7.68	0.0
12	26	11	76	11.4	7.0	-7.65	0.0
13	26	11	76	12.0	359.3	-7.36	0.0
14	26	11	76	13.6	11.5	-7.19	0.0
15	26	11	76	13.1	352.6	-7.34	0.0
16	26	11	76	12.9	11.0	-7.87	0.0
17	26	11	76	13.8	14.8	-9.37	0.0
18	26	11	76	8.8	14.0	-10.60	0.0
19	26	11	76	9.4	11.6	-11.80	0.0
20	26	11	76	9.4	4.2	-12.70	0.0
21	26	11	76	7.5	355.6	-13.80	0.0
22	26	11	76	6.9	5.3	-14.50	0.0
23	26	11	76	4.5	346.4	-16.20	0.0

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

            METEOROLOGICAL DATA
HR DY MO YR     WS10  WDR10    AT10     PREC
++ ++ ++ ++    +------------------------------+

 0 27 11 76      6.7    6.7  -16.10     0.0

 1 27 11 76      1.8  295.6  -18.90     0.0

 2 27 11 76      2.9  341.6  -18.10     0.0

 3 27 11 76      2.4  183.6  -19.50     0.0

 4 27 11 76      2.3  203.3  -21.70     0.0

 5 27 11 76      1.1   88.1  -21.90     0.0

 6 27 11 76      2.3  217.9  -23.90     0.0

 7 27 11 76      3.1  222.5  -25.60     0.0

 8 27 11 76      2.5  206.6  -25.00     0.0

 9 27 11 76     10.0  355.6  -17.80     0.0

10 27 11 76      7.5  353.1  -16.30     0.0

11 27 11 76     10.1   23.0  -14.40     0.0

12 27 11 76     10.1   18.2  -13.50     0.0

13 27 11 76      9.1   17.8  -12.90     0.0

14 27 11 76     11.0   14.9  -12.70     0.0

15 27 11 76     10.4   22.8  -12.50     0.0

16 27 11 76      7.4    6.1  -13.00     0.0

17 27 11 76      2.4   32.1  -15.70     0.0

18 27 11 76      4.2  217.6  -21.90     0.0

19 27 11 76      5.0  229.5  -24.00     0.0

20 27 11 76      4.6  221.6  -24.60     0.0

21 27 11 76      4.5  227.8  -26.00     0.0

22 27 11 76      4.6  229.7  -26.90     0.0

23 27 11 76      4.6  226.2  -26.50     0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

             METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10     PREC
++ ++ ++ ++    +-----------------------------------+

 0 28 11 76      2.2   229.3  -27.20     0.0

 1 28 11 76      2.7   232.6  -28.30     0.0

 2 28 11 76      2.7   233.7  -29.70     0.0

 3 28 11 76      4.0   222.6  -30.10     0.0

 4 28 11 76      4.8   233.5  -30.60     0.0

 5 28 11 76      3.5   232.7  -31.50     0.0

 6 28 11 76      2.8   235.0  -31.40     0.0

 7 28 11 76      3.8   230.0  -31.30     0.0

 8 28 11 76      2.4   220.5  -30.50     0.0

 9 28 11 76      1.2    72.2  -19.90     0.0

10 28 11 76      2.0    93.3  -14.80     0.0

11 28 11 76      5.3    42.1  -12.70     0.0

12 28 11 76      4.2    68.1   -9.24     0.0

13 28 11 76      4.8    48.3   -8.23     0.0

14 28 11 76      4.0    35.1   -6.95     0.0

15 28 11 76      2.4    52.9   -5.57     0.0

16 28 11 76      5.9   249.8   -6.96     0.0

17 28 11 76      2.4   207.0   -7.30     0.0

18 28 11 76      0.9    28.3  -10.20     0.0

19 28 11 76      2.1   213.0  -11.00     0.0

20 28 11 76      2.8   219.5  -13.40     0.0

21 28 11 76      5.2   228.7  -16.40     0.0

22 28 11 76      1.5   183.7  -16.20     0.0

23 28 11 76      5.0   231.3  -17.30     0.0
```

```
 RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR      WS10  WDR10    AT10      PREC
++ ++ ++ ++     +-----------------------------+

 0 29 11 76       2.4  220.8  -16.30      0.0

 1 29 11 76       3.4  226.2  -14.30      0.0

 2 29 11 76       3.0  228.0  -13.00      0.0

 3 29 11 76       2.3  217.8  -12.60      0.0

 4 29 11 76       2.3  237.1  -13.40      0.0

 5 29 11 76       3.7  220.0  -14.80      0.0

 6 29 11 76       2.3  225.5  -13.90      0.0

 7 29 11 76       1.9  229.6  -13.00      0.0

 8 29 11 76       1.5  182.0  -11.80      0.0

 9 29 11 76       1.4  170.7   -7.53      0.0

10 29 11 76       2.6   64.0   -4.26      0.0

11 29 11 76       2.3   35.2   -2.86      0.0

12 29 11 76       5.2   29.8   -1.65      0.0

13 29 11 76       4.5   10.6   -0.02      0.0

14 29 11 76       5.9  299.9    0.80      0.0

15 29 11 76       3.9  338.6    1.85      0.0

16 29 11 76       1.7    9.1    0.69      0.0

17 29 11 76       1.8   27.0    0.02      0.0

18 29 11 76       2.3  293.5   -1.79      0.0

19 29 11 76       2.6  230.5   -7.29      0.0

20 29 11 76       3.1  218.2   -8.97      0.0

21 29 11 76       3.6  236.1   -8.97      0.0

22 29 11 76       3.4  225.3  -10.90      0.0

23 29 11 76       3.8  238.0  -12.20      0.0
```

```
RIO BLANCO OIL SHALE PROJECT  SITE  FOUR

              METEOROLOGICAL DATA
HR DY MO YR     WS10   WDR10    AT10      PREC
++ ++ ++ ++    +------------------------------------+

 0 30 11 76      4.1   232.3  -13.80      0.0

 1 30 11 76      2.7   237.2  -14.50      0.0

 2 30 11 76      2.8   217.1  -14.80      0.0

 3 30 11 76      2.4   250.1  -14.30      0.0

 4 30 11 76      4.1   229.1  -15.30      0.0

 5 30 11 76      4.0   221.2  -15.60      0.0

 6 30 11 76      4.0   216.7  -16.00      0.0

 7 30 11 76      4.6   224.4  -17.30      0.0

 8 30 11 76      4.6   224.9  -17.20      0.0

 9 30 11 76      2.9   229.2   -9.73      0.0

10 30 11 76      2.1    89.4   -2.72      0.0

11 30 11 76      2.6   178.4    1.95      0.0

12 30 11 76      6.0   202.3    3.64      0.0

13 30 11 76      7.3   249.1    4.48      0.0

14 30 11 76      8.7    47.6    3.58      0.0

15 30 11 76      6.6    42.6    2.28      0.0

16 30 11 76      3.0   297.4    2.45      0.0

17 30 11 76      4.3   206.9    1.11      0.0

18 30 11 76      6.5   327.6    2.06      0.0

19 30 11 76    999.0   999.0  999.00    999.00

20 30 11 76    999.0   999.0  999.00    999.00

21 30 11 76    999.0   999.0  999.00    999.00

22 30 11 76    999.0   999.0  999.00    999.00

23 30 11 76    999.0   999.0  999.00    999.00
```

SECTION B.2

METEOROLOGICAL COMPOSITE DAY (HOURLY) SUMMARIES
FALL 1976

Section		Page
B.2.1	Data for Site 1	B.2.1-1 to B.2.1-37
B.2.2	Data for Site 2	B.2.2-1 to B.2.2-9
B.2.3	Data for Site 3	B.2.3-1 to B.2.3-9
B.2.4	Data for Site 4	B.2.4-1 to B.2.4-9

B.2.1

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 1
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)
RH10	Relative Humidity at the 10-m level (percent)
WS30	Wind Speed at the 30-m level (mph)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
DT60	Temperature Difference between 10-m and 60-m level (degrees Celsius)
SI	Solar Radiation at ground level (Langley)
SG10	Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.79	6.45	18.47
2	1.44	5.97	15.36
3	1.72	5.64	15.72
4	0.97	4.97	11.87
5	1.57	5.17	9.73
6	1.05	4.88	12.85
7	1.99	4.80	12.12
8	1.65	4.23	10.17
9	1.74	4.64	13.73
10	2.44	6.40	12.95
11	2.36	6.96	14.66
12	2.61	8.45	17.30
13	3.81	9.07	16.38
14	2.80	8.94	14.23
15	3.27	8.94	14.00
16	3.74	9.01	15.30
17	3.42	8.72	14.81
18	3.13	7.92	12.93
19	1.62	7.20	15.99
20	1.82	6.71	16.62
21	1.68	6.53	15.48
22	2.77	6.99	18.37
23	1.84	6.11	13.67
24	2.10	5.93	14.73
SUMMARY	0.97	6.69	18.47

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	5.98	13.07	22.91
2	5.85	12.53	21.08
3	4.82	11.94	21.25
4	4.56	11.60	18.68
5	4.22	11.10	18.79
6	3.63	10.75	19.21
7	3.36	10.61	19.05
8	3.42	10.96	19.73
9	3.80	12.10	20.69
10	4.61	13.24	21.68
11	6.07	14.54	23.08
12	7.63	15.86	25.29
13	9.45	16.91	25.30
14	10.01	17.95	26.41
15	10.36	18.34	26.83
16	10.90	18.48	26.77
17	10.11	18.04	26.17
18	9.62	17.70	25.94
19	7.06	16.46	25.22
20	6.57	14.69	24.47
21	6.65	14.19	23.45
22	7.05	14.03	23.09
23	6.97	13.67	23.06
24	6.47	13.41	22.97
SUMMARY	3.36	14.24	26.83

RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10M SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	16.61	33.04	70.50
2	17.10	34.23	74.41
3	17.11	35.54	67.73
4	18.11	36.69	68.86
5	18.15	38.75	69.97
6	18.60	40.61	78.28
7	18.26	40.54	80.95
8	17.07	39.99	75.12
9	15.83	36.20	77.01
10	15.83	33.49	78.01
11	15.16	29.52	67.43
12	13.98	26.05	56.37
13	14.11	23.50	55.50
14	13.62	21.56	40.61
15	12.13	19.99	34.68
16	13.03	19.92	32.48
17	13.54	22.85	70.52
18	14.13	22.34	67.46
19	14.74	25.44	61.29
20	16.06	30.76	71.49
21	16.25	31.70	73.56
22	16.34	30.86	67.99
23	17.13	31.02	68.41
24	16.86	31.76	63.19
SUMMARY	12.13	30.70	80.95

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10M SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.38	8.88	29.91
2	0.85	10.79	28.90
3	1.38	10.20	28.28
4	1.12	10.42	28.61
5	0.71	10.51	30.97
6	1.02	10.06	28.20
7	0.39	9.78	28.59
8	1.35	10.05	28.58
9	5.56	14.55	29.59
10	5.61	12.36	23.39
11	8.22	14.24	18.99
12	7.79	16.01	24.07
13	8.40	16.51	26.35
14	10.18	17.90	26.42
15	7.71	16.77	29.34
16	8.86	18.11	30.65
17	5.89	16.97	29.64
18	8.05	15.17	27.98
19	4.48	11.41	32.86
20	2.34	10.01	29.83
21	1.51	11.20	33.34
22	1.18	9.96	31.97
23	1.11	11.17	29.41
24	1.24	9.28	25.07
SUMMARY	0.39	12.60	33.34

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30M SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.12	7.18	21.38
2	1.02	6.79	18.73
3	1.02	6.49	19.49
4	0.96	5.66	12.25
5	0.94	5.57	12.18
6	0.94	5.53	12.62
7	2.10	5.33	14.17
8	0.94	4.65	13.21
9	1.32	5.08	16.31
10	2.64	7.09	16.90
11	2.54	7.90	18.31
12	2.60	9.41	20.20
13	3.62	10.24	20.83
14	2.90	10.13	18.27
15	3.26	10.02	17.43
16	3.92	10.21	16.36
17	3.50	9.71	15.90
18	2.21	8.95	15.24
19	2.81	8.70	19.11
20	2.15	7.53	19.28
21	1.65	7.68	18.52
22	2.42	8.10	21.62
23	1.11	7.08	16.58
24	0.95	6.76	17.82
SUMMARY	0.94	7.57	21.62

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30M SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	6.22	13.23	22.61
2	5.55	12.71	21.53
3	5.02	12.14	21.42
4	4.77	11.44	18.63
5	4.44	11.25	18.49
6	3.76	10.72	17.86
7	3.47	10.87	18.82
8	3.48	11.40	19.63
9	3.92	12.86	21.65
10	4.87	13.47	21.55
11	6.71	14.58	22.58
12	8.10	15.55	24.92
13	9.78	16.58	24.64
14	10.12	17.56	25.49
15	10.36	18.02	26.46
16	10.99	18.24	26.34
17	11.01	17.99	25.76
18	10.20	17.80	25.55
19	7.14	16.78	24.93
20	6.38	15.05	24.18
21	6.76	14.50	23.79
22	7.25	14.41	23.60
23	7.47	13.87	21.25
24	6.35	13.62	22.32
SUMMARY	3.47	14.38	26.46

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60M SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.26	8.71	24.53
2	2.17	8.14	22.94
3	1.18	7.88	21.85
4	0.92	6.77	18.07
5	1.30	6.60	16.70
6	0.94	6.81	16.18
7	1.17	5.92	14.53
8	0.92	5.37	14.61
9	1.15	5.54	18.82
10	2.35	7.46	20.53
11	2.15	8.63	20.36
12	2.58	10.32	24.99
13	3.77	11.06	25.36
14	3.00	10.83	21.20
15	3.33	10.69	20.16
16	4.02	10.99	19.23
17	4.08	10.48	20.82
18	3.73	9.91	18.71
19	3.12	10.00	20.83
20	1.86	9.15	22.80
21	0.98	9.10	22.04
22	2.22	9.61	23.47
23	1.04	8.75	20.08
24	1.46	8.04	19.86
SUMMARY	0.92	8.61	25.36

RBOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60M SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-1.35	-0.28	0.39
2	-2.37	-0.30	0.28
3	-2.03	-0.36	0.30
4	-1.07	-0.21	0.31
5	-1.34	-0.20	1.17
6	-2.19	-0.31	0.38
7	-1.62	-0.27	0.43
8	-0.92	0.06	0.43
9	-0.28	0.44	0.79
10	-0.08	0.57	1.13
11	0.51	0.73	1.18
12	0.60	0.82	1.21
13	0.59	0.87	1.32
14	0.60	0.94	1.28
15	0.61	0.91	1.28
16	0.59	0.88	1.19
17	-0.25	0.72	1.17
18	-0.45	0.58	0.84
19	-0.56	0.24	0.66
20	-1.73	-0.37	0.52
21	-1.51	-0.36	0.42
22	-1.54	-0.41	0.30
23	-1.44	-0.36	0.47
24	-1.65	-0.27	0.47
SUMMARY	-2.37	0.17	1.32

RBOSP COMPOSITE DAY SUMMARY

SOLAR INSOLATION SITE 1 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.00	0.01
2	0.0	0.00	0.01
3	0.0	0.00	0.01
4	0.0	0.00	0.01
5	0.0	0.00	0.01
6	0.0	0.00	0.01
7	0.0	0.00	0.01
8	0.02	0.09	0.18
9	0.06	0.32	0.47
10	0.14	0.56	0.79
11	0.18	0.79	1.05
12	0.12	0.95	1.25
13	0.26	1.03	1.34
14	0.31	1.03	1.38
15	0.35	0.96	1.29
16	0.18	0.78	1.14
17	0.10	0.55	0.90
18	0.05	0.34	0.60
19	0.02	0.13	0.28
20	0.0	0.02	0.05
21	0.0	0.01	0.01
22	0.0	0.00	0.01
23	0.0	0.00	0.01
24	0.0	0.00	0.01
SUMMARY	0.0	0.32	1.38

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.87	6.26	16.44
2	0.88	5.73	12.75
3	0.87	5.11	11.02
4	0.87	5.31	12.60
5	0.87	4.73	11.49
6	0.87	4.30	12.96
7	0.87	4.08	13.05
8	0.87	4.52	13.51
9	0.87	4.22	11.91
10	0.87	6.72	20.00
11	1.42	7.50	18.31
12	1.28	8.30	19.50
13	2.95	9.00	19.62
14	4.18	9.26	19.89
15	3.35	9.71	19.90
16	4.41	9.72	19.18
17	2.70	8.91	19.48
18	0.99	8.29	20.67
19	0.88	7.02	18.63
20	1.36	7.16	15.50
21	1.05	6.01	12.72
22	0.87	6.60	12.86
23	1.49	6.58	14.03
24	0.88	6.82	15.15
SUMMARY	0.87	6.74	20.67

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-3.29	6.11	15.70
2	-3.13	5.70	15.01
3	-3.84	5.24	14.68
4	-4.86	4.95	12.95
5	-5.79	4.78	12.83
6	-6.41	4.45	12.00
7	-7.24	4.12	11.88
8	-6.89	4.15	12.24
9	-6.04	5.16	14.31
10	-5.77	6.56	15.78
11	-4.97	7.76	17.27
12	-2.97	8.86	18.55
13	-1.69	9.81	19.57
14	-0.40	10.38	21.50
15	-0.11	10.82	20.81
16	0.16	10.93	20.87
17	0.35	10.66	20.50
18	-0.12	9.64	18.90
19	-1.89	8.23	17.55
20	-2.29	7.52	16.84
21	-2.63	7.09	16.57
22	-2.78	6.76	16.37
23	-2.47	6.55	15.86
24	-2.50	6.20	16.16
SUMMARY	-7.24	7.18	21.50

RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10M SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	18.85	26.16	63.02
2	19.07	25.90	60.00
3	19.18	26.18	57.85
4	19.72	26.80	58.63
5	20.22	27.24	55.44
6	20.43	28.01	57.95
7	20.51	28.65	55.32
8	20.25	28.73	59.92
9	18.71	26.94	58.76
10	18.13	24.50	54.11
11	17.32	22.82	46.39
12	16.54	22.13	50.91
13	15.59	21.90	52.46
14	15.46	21.52	38.25
15	16.24	20.96	32.18
16	15.95	21.33	40.82
17	15.72	21.54	38.03
18	17.29	22.84	60.10
19	18.09	24.10	55.61
20	18.41	25.62	69.32
21	18.55	25.65	69.66
22	18.56	25.79	71.90
23	18.92	25.71	62.23
24	18.69	26.01	62.58
SUMMARY	15.46	24.87	71.90

RBOSP COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10M SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.98	8.26	28.58
2	0.79	9.24	31.56
3	1.77	9.79	27.41
4	2.10	10.38	28.90
5	1.43	8.90	30.42
6	1.84	10.30	33.71
7	1.19	7.37	26.64
8	1.50	9.08	28.53
9	4.79	12.23	28.13
10	7.56	13.33	24.88
11	8.06	14.08	27.89
12	7.65	14.23	21.36
13	7.99	16.04	29.43
14	7.89	15.17	26.96
15	8.74	14.96	30.29
16	8.52	14.68	31.88
17	7.12	11.99	18.44
18	3.38	8.10	16.41
19	1.27	8.62	28.73
20	1.58	8.90	27.50
21	2.59	9.52	23.40
22	2.55	8.76	29.08
23	1.70	8.85	25.15
24	0.69	9.00	29.45
SUMMARY	0.69	10.91	33.71

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30M SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.19	7.38	19.68
2	1.96	6.67	16.41
3	1.92	6.06	13.86
4	1.30	6.33	14.92
5	1.48	5.42	14.37
6	1.48	4.96	14.74
7	0.94	4.81	15.23
8	1.00	5.18	16.27
9	1.42	4.88	14.11
10	1.83	7.85	26.30
11	4.22	8.70	20.58
12	3.20	9.47	21.24
13	4.21	10.18	22.86
14	4.67	10.80	23.37
15	3.92	11.11	22.44
16	5.06	11.17	22.58
17	4.09	10.38	23.22
18	2.97	10.30	24.71
19	1.09	8.27	23.68
20	2.99	8.29	17.73
21	1.86	7.09	14.93
22	2.58	7.64	15.27
23	2.31	7.53	16.34
24	2.67	8.12	18.20
SUMMARY	0.94	7.86	26.30

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30M SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-2.57	6.45	16.01
2	-2.94	5.97	15.65
3	-3.42	5.18	15.15
4	-4.91	4.97	14.13
5	-6.45	4.50	12.68
6	-7.29	4.19	12.31
7	-6.54	3.79	12.01
8	-6.53	4.36	12.68
9	-5.87	6.15	15.58
10	-5.71	7.03	15.70
11	-4.84	7.93	16.96
12	-3.05	8.85	18.01
13	-1.90	9.70	19.66
14	-0.70	10.26	21.04
15	0.08	10.69	20.52
16	0.20	10.84	20.57
17	0.55	10.70	20.41
18	0.20	9.94	18.98
19	-1.41	8.52	17.66
20	-2.59	7.83	17.00
21	-3.18	7.33	16.65
22	-2.80	7.09	16.46
23	-2.61	6.83	16.07
24	-2.20	6.60	16.74
SUMMARY	-7.29	7.32	21.04

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           RBOSP   COMPOSITE DAY SUMMARY

    WIND SPEED 60M SITE 1  FOR  10/ 1/76  -  10/31/76
HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

     1               1.43         8.36       22.02

     2               0.98         7.62       18.40

     3               1.30         7.02       16.75

     4               0.92         7.22       15.60

     5               0.92         6.15       17.10

     6               0.92         5.64       19.76

     7               0.95         5.24       20.30

     8               0.92         5.75       17.31

     9               0.92         5.26       16.69

    10               1.92         8.16       26.99

    11               3.78         9.22       21.91

    12               3.69        10.09       22.01

    13               3.69        10.56       25.80

    14               4.39        11.57       31.18

    15               3.47        11.77       23.79

    16               5.23        11.99       25.60

    17               3.93        11.17       25.48

    18               3.12        11.41       27.01

    19               1.77         9.84       25.22

    20               2.32         9.83       21.12

    21               2.18         8.71       16.46

    22               0.93         8.98       18.33

    23               1.35         8.40       19.47

    24               2.22         9.35       19.17


  SUMMARY            0.92         8.72       31.18
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RBOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60M SITE 1 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-1.65	-0.42	0.13
2	-1.85	-0.46	0.32
3	-1.38	-0.41	0.21
4	-1.90	-0.41	0.40
5	-1.17	-0.24	0.31
6	-1.03	-0.29	0.28
7	-1.89	-0.29	0.54
8	-1.17	-0.21	0.63
9	-1.61	0.22	0.67
10	0.35	0.56	0.91
11	0.46	0.70	1.01
12	0.42	0.79	1.11
13	0.51	0.84	1.17
14	0.27	0.81	1.23
15	0.66	0.82	1.08
16	0.47	0.77	1.02
17	0.39	0.66	0.92
18	-0.03	0.31	0.59
19	-1.77	-0.24	0.36
20	-1.79	-0.36	0.44
21	-1.55	-0.32	0.29
22	-1.94	-0.31	0.32
23	-1.65	-0.29	0.29
24	-2.27	-0.49	0.27
SUMMARY	-2.27	0.07	1.23

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          RBOSP    COMPOSITE DAY SUMMARY

   SOLAR INSOLATION   SITE 1   FOR  10/ 1/76  -  10/31/76
HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

      1                0.0          0.00        0.01

      2                0.0          0.00        0.01

      3                0.0          0.00        0.01

      4                0.0          0.00        0.01

      5                0.0          0.00        0.01

      6                0.0          0.00        0.01

      7                0.0          0.00        0.01

      8                0.01         0.03        0.07

      9                0.07         0.21        0.32

     10                0.12         0.46        0.59

     11                0.23         0.70        0.88

     12                0.29         0.86        1.01

     13                0.37         0.94        1.12

     14                0.31         0.92        1.17

     15                0.27         0.81        1.01

     16                0.17         0.66        0.88

     17                0.11         0.43        0.58

     18                0.05         0.19        0.30

     19                0.01         0.04        0.06

     20                0.0          0.01        0.01

     21                0.0          0.00        0.01

     22                0.0          0.00        0.01

     23                0.0          0.00        0.01

     24                0.0          0.00        0.01


   SUMMARY             0.0          0.26        1.17
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                 RBOSP   COMPOSITE DAY SUMMARY

           WIND SPEED 10M SITE 1  FOR  11/ 1/76  -  11/30/76
      HOUR OF DAY         MINIMUM         MEAN       MAXIMUM

          1                0.95           5.76        16.03

          2                0.87           4.88        16.09

          3                0.87           4.07        12.26

          4                0.87           4.19        13.99

          5                0.95           4.35        14.35

          6                0.87           4.61        16.12

          7                0.87           4.67        14.73

          8                1.17           4.23        12.80

          9                0.87           3.65        11.64

         10                1.19           4.85        10.73

         11                2.32           6.39        14.49

         12                3.07           7.82        15.99

         13                4.06           8.55        21.71

         14                3.79           8.50        21.81

         15                4.54           8.89        18.69

         16                3.16           8.00        17.89

         17                0.90           7.25        16.91

         18                1.30           6.13        15.23

         19                0.92           6.62        16.91

         20                0.91           6.09        19.16

         21                0.89           5.71        11.73

         22                1.02           5.53        12.04

         23                1.55           5.91        11.59

         24                0.87           5.31        13.57


       SUMMARY             0.87           5.93        21.81
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RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-18.60	1.66	9.89
2	-19.20	0.94	9.96
3	-19.40	0.30	9.15
4	-20.00	0.34	8.49
5	-20.50	0.05	7.86
6	-20.70	-0.22	7.21
7	-21.50	-0.52	7.24
8	-21.70	-0.72	7.34
9	-21.40	-0.53	7.80
10	-20.20	1.14	9.43
11	-19.10	2.25	10.73
12	-17.60	3.61	11.65
13	-16.90	4.52	12.62
14	-16.30	5.18	14.17
15	-16.00	5.58	15.07
16	-16.00	5.70	15.17
17	-16.30	5.04	14.55
18	-17.50	4.12	12.58
19	-18.50	3.04	10.87
20	-18.60	3.09	10.32
21	-18.50	2.87	9.76
22	-18.70	2.46	10.45
23	-18.60	2.19	10.89
24	-18.50	1.67	8.99
SUMMARY	-21.70	2.25	15.17

RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10M SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	22.12	26.34	41.31
2	21.88	27.26	42.33
3	22.60	28.55	60.43
4	22.34	27.64	49.41
5	22.72	27.66	48.63
6	22.60	28.26	42.71
7	22.91	29.36	54.18
8	23.08	30.09	50.90
9	22.51	29.06	51.25
10	20.41	25.79	48.74
11	19.43	23.78	36.21
12	19.02	23.09	34.04
13	17.90	23.13	43.30
14	17.37	23.07	43.89
15	17.04	22.64	34.64
16	17.77	22.58	31.74
17	16.84	22.71	31.00
18	19.65	24.41	35.06
19	21.29	25.69	39.34
20	21.48	25.93	51.52
21	21.81	26.25	57.18
22	21.62	26.54	59.20
23	21.30	26.69	56.32
24	22.36	26.33	42.38
SUMMARY	16.84	25.93	60.43

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            RBOSP   COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10M SITE 1  FOR  11/ 1/76  -  11/30/76
HOUR OF DAY         MINIMUM       MEAN      MAXIMUM

     1               1.77         9.58       32.86

     2               1.10        10.39       34.52

     3               2.60        11.51       31.69

     4               1.82         9.90       28.48

     5               0.94        10.59       32.60

     6               1.51        10.65       32.90

     7               3.55        10.97       29.63

     8               1.81         9.14       31.50

     9               1.46        11.87       33.40

    10               5.68        14.08       26.20

    11               6.59        11.73       20.17

    12               7.27        12.93       19.30

    13               8.22        13.45       22.89

    14               7.02        14.29       22.57

    15               7.55        13.52       26.95

    16               6.74        12.95       30.40

    17               3.66        10.14       18.22

    18               2.26         8.81       23.95

    19               2.69         9.48       29.92

    20               2.56         9.05       26.50

    21               2.31         8.58       27.42

    22               1.22         8.64       28.82

    23               1.64         7.54       30.16

    24               2.53         8.97       28.78


  SUMMARY            0.94        10.83       34.52
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RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30M SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.29	6.68	18.25
2	0.97	5.88	19.60
3	2.20	4.87	13.87
4	1.52	4.96	16.42
5	1.29	5.13	17.26
6	1.06	5.36	18.43
7	1.21	5.30	15.90
8	1.55	4.98	14.46
9	1.04	4.57	14.26
10	2.35	5.50	12.58
11	2.88	7.29	16.07
12	4.01	8.82	18.06
13	4.35	9.65	24.63
14	4.19	9.54	25.14
15	4.70	9.95	22.18
16	3.65	9.18	20.47
17	2.84	8.50	19.61
18	1.70	7.55	17.43
19	1.66	7.73	20.01
20	1.44	6.98	22.55
21	2.80	6.48	14.07
22	2.37	6.30	16.02
23	1.27	6.71	14.21
24	1.43	6.07	16.70
SUMMARY	0.97	6.85	25.14

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30M SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-18.40	1.83	9.26
2	-18.80	1.06	9.90
3	-19.10	0.38	8.72
4	-19.70	0.38	8.82
5	-20.10	0.01	8.18
6	-20.40	-0.23	7.99
7	-21.00	-0.57	7.43
8	-21.30	-0.75	7.35
9	-21.00	0.60	9.01
10	-19.90	2.19	11.07
11	-18.90	2.77	10.75
12	-17.50	3.89	11.28
13	-16.80	4.65	12.79
14	-16.30	5.32	14.44
15	-15.80	5.68	15.58
16	-15.80	5.85	15.40
17	-16.00	5.60	14.98
18	-16.90	4.48	13.08
19	-17.70	3.52	11.64
20	-18.20	3.51	11.31
21	-18.40	3.19	10.94
22	-18.50	2.72	10.70
23	-18.50	2.38	11.54
24	-20.40	1.77	9.63
SUMMARY	-21.30	2.51	15.58

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60M SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.12	7.40	20.59
2	0.92	6.55	21.37
3	1.06	5.35	13.95
4	1.01	5.48	19.01
5	0.92	5.48	19.32
6	0.92	5.80	19.81
7	1.19	5.65	17.09
8	1.01	5.63	14.75
9	0.93	5.04	14.21
10	1.76	5.79	15.30
11	3.22	7.60	17.42
12	3.40	9.25	19.75
13	3.91	10.14	26.92
14	3.73	9.82	27.90
15	4.30	10.35	24.45
16	4.78	9.83	21.80
17	3.25	9.19	22.70
18	1.05	8.51	19.81
19	0.99	8.91	23.87
20	2.19	7.63	24.86
21	2.23	7.18	15.34
22	0.96	6.98	18.11
23	0.94	7.32	15.75
24	1.14	6.56	18.16
SUMMARY	0.92	7.40	27.90

RBOSP COMPOSITE DAY SUMMARY

DELTA TEMP. 10-60M SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-1.59	-0.28	0.33
2	-1.78	-0.36	0.30
3	-1.36	-0.41	0.28
4	-1.43	-0.33	0.35
5	-2.14	-0.43	0.35
6	-1.80	-0.54	0.38
7	-1.27	-0.48	0.39
8	-1.49	-0.41	0.39
9	-1.95	-0.19	0.44
10	-0.99	0.40	0.74
11	0.02	0.56	0.84
12	0.41	0.68	0.92
13	0.51	0.72	0.96
14	0.47	0.71	0.95
15	0.53	0.70	0.94
16	0.28	0.66	0.96
17	0.16	0.49	0.67
18	-0.66	0.06	0.34
19	-1.25	-0.26	0.26
20	-1.09	-0.33	0.25
21	-1.27	-0.31	0.37
22	-1.23	-0.25	0.20
23	-1.22	-0.37	0.42
24	-1.86	-0.32	0.22
SUMMARY	-2.14	-0.00	0.96

RBOSP COMPOSITE DAY SUMMARY

SOLAR INSOLATION SITE 1 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.01	0.01
2	0.0	0.01	0.01
3	0.0	0.01	0.01
4	0.0	0.01	0.01
5	0.0	0.01	0.01
6	0.0	0.01	0.01
7	0.0	0.01	0.01
8	0.0	0.01	0.01
9	0.02	0.09	0.20
10	0.17	0.29	0.42
11	0.30	0.51	0.75
12	0.31	0.65	0.85
13	0.26	0.71	0.89
14	0.15	0.68	0.88
15	0.18	0.60	0.81
16	0.09	0.43	0.59
17	0.07	0.25	0.37
18	0.02	0.07	0.60
19	0.01	0.01	0.02
20	0.0	0.01	0.02
21	0.0	0.01	0.01
22	0.0	0.01	0.01
23	0.0	0.01	0.01
24	0.0	0.01	0.01
SUMMARY	0.0	0.19	0.89

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.87	6.16	18.47
2	0.87	5.53	16.09
3	0.87	4.94	15.72
4	0.87	4.83	13.99
5	0.87	4.75	14.35
6	0.87	4.59	16.12
7	0.87	4.51	14.73
8	0.87	4.33	13.51
9	0.87	4.17	13.73
10	0.87	6.01	20.00
11	1.42	6.96	18.31
12	1.28	8.19	19.50
13	2.95	8.87	21.71
14	2.80	8.90	21.81
15	3.27	9.19	19.90
16	3.16	8.92	19.18
17	0.90	8.30	19.48
18	0.99	7.48	20.67
19	0.88	6.96	18.63
20	0.91	6.68	19.16
21	0.89	6.09	15.48
22	0.87	6.38	18.37
23	1.49	6.21	14.03
24	0.87	6.05	15.15
SUMMARY	0.87	6.46	21.81

RHOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-18.60	6.98	22.91
2	-19.20	6.44	21.08
3	-19.40	5.88	21.25
4	-20.00	5.68	18.68
5	-20.50	5.36	18.79
6	-20.70	5.04	19.21
7	-21.50	4.78	19.05
8	-21.70	4.85	19.73
9	-21.40	5.71	20.69
10	-20.20	7.04	21.68
11	-19.10	8.17	23.08
12	-17.60	9.43	25.29
13	-16.90	10.40	25.30
14	-16.30	11.15	26.41
15	-16.00	11.57	26.83
16	-16.00	11.69	26.77
17	-16.30	11.30	26.17
18	-17.50	10.60	25.94
19	-18.50	9.43	25.22
20	-18.60	8.53	24.47
21	-18.50	8.14	23.45
22	-18.70	7.78	23.09
23	-18.60	7.57	23.06
24	-18.50	7.20	22.97
SUMMARY	-21.70	7.94	26.83

RBOSP COMPOSITE DAY SUMMARY

REL. HUMIDITY 10M SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	16.61	28.46	70.50
2	17.10	29.06	74.41
3	17.11	30.00	67.73
4	18.11	30.30	68.86
5	18.15	31.13	69.97
6	18.60	32.20	78.28
7	18.26	32.76	80.95
8	17.07	32.84	75.12
9	15.83	30.65	77.01
10	15.83	27.85	78.01
11	15.16	25.31	67.43
12	13.98	23.74	56.37
13	14.11	22.83	55.50
14	13.62	22.05	43.89
15	12.13	21.21	34.68
16	13.03	21.29	40.82
17	13.54	22.34	70.52
18	14.13	23.18	67.46
19	14.74	25.00	61.29
20	16.06	27.39	71.49
21	16.25	27.81	73.56
22	16.34	27.66	71.90
23	17.13	27.77	68.41
24	16.86	28.01	63.19
SUMMARY	12.13	27.11	80.95

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               R8OSP    COMPOSITE DAY SUMMARY

WIND DIR. SIGMA 10M SITE 1  FOR   9/ 1/76  -  11/30/76
HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

      1                0.98          8.89       32.86

      2                0.79         10.12       34.52

      3                1.38         10.48       31.69

      4                1.12         10.24       28.90

      5                0.71          9.97       32.60

      6                1.02         10.33       33.71

      7                0.39          9.33       29.63

      8                1.30          9.41       31.50

      9                1.46         12.87       33.40

     10                5.61         13.26       26.20

     11                6.59         13.37       27.89

     12                7.27         14.39       24.07

     13                7.99         15.33       29.43

     14                7.02         15.75       26.96

     15                7.55         15.06       30.29

     16                6.74         15.21       31.88

     17                3.66         12.97       29.64

     18                2.26         10.61       27.98

     19                1.27          9.80       32.86

     20                1.58          9.31       29.83

     21                1.51          9.77       33.34

     22                1.18          9.11       31.97

     23                1.11          9.20       30.16

     24                0.69          9.08       29.45


   SUMMARY             0.39         11.43       34.52
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RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 30M SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
I	1.12	7.09	21.38
2	0.97	6.42	19.60
3	1.02	5.81	19.49
4	0.96	5.67	16.42
5	0.94	5.37	17.26
6	0.94	5.28	18.43
7	0.94	5.14	15.90
8	0.94	4.94	16.27
9	1.04	4.84	16.31
10	1.83	6.84	26.30
11	2.54	7.98	20.58
12	2.60	9.24	21.24
13	3.62	10.02	24.63
14	2.90	10.16	25.14
15	3.26	10.37	22.44
16	3.65	10.20	22.58
17	2.84	9.55	23.22
18	1.70	8.98	24.71
19	1.09	8.25	23.68
20	1.44	7.63	22.55
21	1.65	7.09	18.52
22	2.37	7.36	21.62
23	1.11	7.12	16.58
24	0.95	7.02	18.20
SUMMARY	0.94	7.43	26.30

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 30M SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-18.40	7.01	22.61
2	-18.80	6.43	21.53
3	-19.10	5.74	21.42
4	-19.70	5.45	18.63
5	-20.10	5.10	18.49
6	-20.40	4.74	17.86
7	-21.00	4.53	18.82
8	-21.30	4.84	19.63
9	-21.00	6.38	21.65
10	-19.90	7.42	21.55
11	-18.90	8.20	22.58
12	-17.50	9.28	24.92
13	-16.80	10.16	24.64
14	-16.30	10.89	25.49
15	-15.80	11.31	26.46
16	-15.80	11.49	26.34
17	-16.00	11.26	25.76
18	-16.90	10.63	25.55
19	-17.70	9.70	24.93
20	-18.20	8.75	24.18
21	-18.40	8.29	23.79
22	-18.50	7.97	23.60
23	-18.50	7.59	21.25
24	-20.40	7.23	22.32
SUMMARY	-21.30	7.94	26.46

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 60M SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.12	8.16	24.53
2	0.92	7.44	22.94
3	1.06	6.76	21.85
4	0.92	6.51	19.01
5	0.92	6.08	19.32
6	0.92	6.07	19.81
7	0.95	5.60	20.30
8	0.92	5.58	17.31
9	0.92	5.28	18.82
10	1.76	7.16	26.99
11	2.15	8.50	21.91
12	2.58	9.89	24.99
13	3.69	10.58	26.92
14	3.00	10.75	31.18
15	3.33	10.95	24.45
16	4.02	10.95	25.60
17	3.25	10.30	25.48
18	1.05	9.99	27.01
19	0.99	9.61	25.22
20	1.86	8.92	24.86
21	0.98	8.36	22.04
22	0.93	8.54	23.47
23	0.94	8.17	20.08
24	1.14	8.03	19.86
SUMMARY	0.92	8.26	31.18

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              RBOSP   COMPOSITE DAY SUMMARY

      DELTA TEMP. 10-60M  SITE 1  FOR   9/ 1/76  -  11/30/76
      HOUR OF DAY          MINIMUM       MEAN      MAXIMUM

           1                -1.65       -0.33        0.39

           2                -2.37       -0.37        0.32

           3                -2.03       -0.39        0.30

           4                -1.90       -0.32        0.40

           5                -2.14       -0.29        1.17

           6                -2.19       -0.37        0.38

           7                -1.89       -0.34        0.54

           8                -1.49       -0.19        0.63

           9                -1.95        0.16        0.79

          10                -0.90        0.51        1.13

          11                 0.02        0.66        1.18

          12                 0.41        0.76        1.21

          13                 0.51        0.81        1.32

          14                 0.27        0.82        1.28

          15                 0.53        0.81        1.28

          16                 0.28        0.77        1.19

          17                -0.25        0.63        1.17

          18                -0.66        0.32        0.84

          19                -1.77       -0.09        0.66

          20                -1.79       -0.35        0.52

          21                -1.55       -0.33        0.42

          22                -1.94       -0.32        0.32

          23                -1.65       -0.34        0.47

          24                -2.27       -0.36        0.47


        SUMMARY             -2.37        0.08        1.32
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RBOSP COMPOSITE DAY SUMMARY

SOLAR INSOLATION SITE 1 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.0	0.01	0.01
2	0.0	0.01	0.01
3	0.0	0.00	0.01
4	0.0	0.00	0.01
5	0.0	0.00	0.01
6	0.0	0.00	0.01
7	0.0	0.00	0.01
8	0.0	0.04	0.18
9	0.02	0.21	0.47
10	0.12	0.44	0.79
11	0.18	0.67	1.05
12	0.12	0.82	1.25
13	0.26	0.89	1.34
14	0.15	0.88	1.38
15	0.18	0.79	1.29
16	0.09	0.62	1.14
17	0.07	0.41	0.90
18	0.02	0.20	0.60
19	0.01	0.06	0.28
20	0.0	0.01	0.05
21	0.0	0.01	0.01
22	0.0	0.01	0.01
23	0.0	0.01	0.01
24	0.0	0.01	0.01
SUMMARY	0.0	0.26	1.38

B.2.2

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 2
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 2 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.89	6.88	23.00
2	0.89	6.09	17.00
3	0.90	6.38	22.50
4	0.89	6.18	23.00
5	0.89	6.10	17.00
6	0.89	5.57	21.00
7	0.88	4.82	16.50
8	0.88	4.48	12.00
9	0.90	5.31	15.00
10	1.89	6.44	15.00
11	2.51	7.14	17.50
12	3.33	8.48	21.50
13	3.07	9.47	21.00
14	3.54	9.69	18.50
15	1.22	9.00	17.00
16	3.11	9.97	16.00
17	2.57	8.70	19.50
18	2.82	8.18	19.50
19	2.10	7.29	16.50
20	0.89	6.47	17.50
21	1.23	6.43	16.52
22	2.25	7.10	13.50
23	1.16	6.86	14.00
24	0.91	5.88	15.57
SUMMARY	0.88	7.10	23.00

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 2 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	5.51	12.37	22.00
2	5.29	11.97	21.70
3	4.40	11.44	19.30
4	4.03	11.05	18.50
5	3.93	10.55	18.00
6	3.23	10.25	17.50
7	3.09	10.10	17.80
8	2.90	10.76	18.95
9	3.66	12.42	21.50
10	4.59	13.52	21.70
11	5.90	14.65	23.00
12	8.01	15.65	24.50
13	9.58	16.70	25.50
14	9.58	17.33	25.10
15	10.42	17.86	25.90
16	10.99	18.16	26.30
17	10.55	17.81	26.00
18	9.62	17.55	25.80
19	7.07	16.43	25.60
20	6.18	14.45	23.00
21	6.08	13.56	23.20
22	6.32	13.37	21.30
23	6.42	13.23	21.70
24	5.65	12.67	21.70
SUMMARY	2.90	13.91	26.30

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 2 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.53	5.92	14.05
2	2.12	5.54	13.50
3	1.84	6.13	13.91
4	1.22	5.23	18.28
5	1.80	4.88	17.65
6	0.90	4.44	17.22
7	0.89	4.84	18.23
8	1.85	5.56	19.45
9	1.15	5.76	18.95
10	2.61	7.55	18.12
11	3.66	8.79	22.68
12	4.39	9.12	24.75
13	1.32	8.67	20.93
14	1.48	10.04	27.29
15	3.01	9.65	18.98
16	1.53	10.16	20.69
17	2.85	9.98	25.93
18	2.18	9.38	23.98
19	1.07	7.91	21.61
20	2.36	7.83	18.72
21	3.03	6.82	17.19
22	2.82	6.82	14.82
23	2.40	6.99	14.11
24	1.65	6.83	13.11
SUMMARY	0.89	7.27	27.29

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 2 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-2.99	5.46	14.90
2	-4.09	5.10	14.15
3	-3.76	4.86	14.41
4	-5.46	4.37	13.22
5	-6.11	4.04	12.67
6	-7.08	3.61	11.54
7	-7.68	3.44	11.77
8	-7.49	3.78	11.71
9	-6.09	5.38	14.59
10	-5.81	6.43	15.80
11	-5.03	7.49	16.89
12	-3.80	8.44	17.63
13	-1.45	9.42	18.07
14	-1.05	9.92	18.40
15	0.0	10.39	18.59
16	0.0	10.82	20.17
17	0.20	10.67	19.99
18	0.13	9.91	18.92
19	-1.38	8.00	17.37
20	-2.56	7.11	16.73
21	-3.41	6.72	16.43
22	-3.65	6.39	16.22
23	-3.80	6.20	15.74
24	-4.34	5.77	15.27
SUMMARY	-7.68	6.81	20.17

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 2 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.41	5.64	15.63
2	1.19	5.54	16.96
3	0.69	5.49	17.03
4	2.34	5.93	20.48
5	2.24	5.72	19.43
6	1.13	5.34	16.05
7	1.38	5.44	14.67
8	1.55	4.75	15.79
9	1.76	5.51	18.38
10	2.24	6.10	15.29
11	3.09	7.11	16.95
12	3.59	8.34	16.15
13	2.32	9.46	24.13
14	3.20	9.51	23.71
15	3.63	10.14	26.51
16	3.31	9.28	19.30
17	3.47	7.79	13.73
18	1.38	6.54	13.62
19	2.60	7.25	18.87
20	2.57	7.01	18.02
21	2.06	6.06	14.94
22	2.68	6.31	16.20
23	1.43	6.53	16.13
24	2.14	6.15	16.96
SUMMARY	0.69	6.79	26.51

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 2 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-19.10	1.15	9.08
2	-19.20	0.52	9.59
3	-19.60	0.06	9.06
4	-19.90	0.09	8.30
5	-20.50	-0.11	6.99
6	-21.00	-0.59	7.20
7	-21.60	-0.91	7.06
8	-22.20	-1.06	7.34
9	-21.90	-0.11	8.12
10	-20.40	1.65	9.35
11	-19.40	2.67	10.99
12	-17.40	3.71	11.34
13	-16.60	4.62	13.40
14	-16.20	5.32	15.11
15	-15.80	5.69	15.37
16	-15.50	5.83	15.23
17	-16.20	5.56	15.38
18	-17.60	3.92	12.90
19	-18.50	2.52	10.96
20	-18.70	2.53	10.41
21	-19.00	2.13	9.01
22	-19.20	1.96	9.39
23	-19.20	1.66	10.12
24	-19.50	1.25	8.27
SUMMARY	-22.20	2.09	15.38

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 2 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	0.89	6.25	23.00
2	0.89	5.76	17.00
3	0.69	6.06	22.50
4	0.89	5.82	23.00
5	0.89	5.61	19.43
6	0.89	5.16	21.00
7	0.88	5.01	18.23
8	0.88	4.88	19.45
9	0.90	5.50	18.95
10	1.89	6.66	18.12
11	2.51	7.61	22.68
12	3.33	8.63	24.75
13	1.32	9.24	24.13
14	1.48	9.74	27.29
15	1.22	9.49	26.51
16	1.53	9.84	20.69
17	2.57	8.80	25.93
18	1.38	8.06	23.98
19	1.07	7.46	21.61
20	0.89	7.00	18.72
21	1.23	6.44	17.19
22	2.25	6.78	16.20
23	1.16	6.80	16.13
24	0.91	6.23	16.96
SUMMARY	0.69	7.06	27.29

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 2 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-19.10	6.25	22.00
2	-19.20	5.85	21.70
3	-19.60	5.45	19.30
4	-19.90	5.16	18.50
5	-20.50	4.82	18.00
6	-21.00	4.41	17.50
7	-21.60	4.20	17.80
8	-22.20	4.49	18.95
9	-21.90	5.89	21.50
10	-20.40	7.20	21.70
11	-19.40	8.27	23.00
12	-17.40	9.20	24.50
13	-16.60	10.25	25.50
14	-16.20	10.86	25.10
15	-15.80	11.31	25.90
16	-15.50	11.60	26.30
17	-16.20	11.34	26.00
18	-17.60	10.45	25.80
19	-18.50	9.12	25.60
20	-18.70	8.08	23.00
21	-19.00	7.52	23.20
22	-19.20	7.29	21.30
23	-19.20	7.08	21.70
24	-19.50	6.55	21.70
SUMMARY	-22.20	7.60	26.30

B.2.3

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 3
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 3 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.40	6.00	11.57
2	1.54	6.29	8.79
3	1.81	5.34	8.26
4	1.56	5.48	8.24
5	2.38	5.68	8.16
6	2.77	5.71	9.08
7	1.53	4.97	8.06
8	1.02	3.65	6.47
9	1.69	3.88	8.98
10	2.63	5.97	15.11
11	1.47	6.51	15.71
12	2.93	7.97	16.82
13	4.08	8.48	17.47
14	1.65	8.11	17.47
15	2.23	7.86	15.41
16	3.32	8.42	13.91
17	2.57	7.76	19.85
18	2.86	6.90	12.49
19	2.46	5.62	11.51
20	2.32	6.61	14.19
21	3.06	6.76	11.07
22	2.70	6.99	9.67
23	2.08	6.35	11.73
24	0.93	6.23	9.45
SUMMARY	0.93	6.40	19.85

```
            RBOSP   COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 3  FOR   9/ 1/76  -   9/30/76
HOUR OF DAY          MINIMUM        MEAN      MAXIMUM

      1                1.54         8.63       15.07

      2                0.94         8.26       19.82

      3                0.79         7.52       19.86

      4               -1.00         6.91       18.94

      5               -2.77         6.44       17.48

      6               -2.30         6.08       17.63

      7               -3.05         5.72       17.47

      8               -1.81         7.44       17.66

      9                4.39        11.76       18.51

     10                7.08        14.26       20.44

     11                8.38        16.45       24.57

     12               10.51        18.04       27.04

     13               11.42        19.18       27.72

     14               11.97        19.92       28.13

     15               13.08        20.61       28.57

     16               13.74        20.80       28.60

     17               12.77        20.35       28.79

     18               11.22        20.00       28.40

     19                9.14        18.36       27.94

     20                5.79        13.47       20.12

     21                4.26        11.80       19.94

     22                3.57        10.89       18.21

     23                2.88        10.37       18.91

     24                2.07         9.22       16.71


   SUMMARY            -3.05        13.04       28.79
```

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 3 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	3.37	6.29	8.62
2	2.28	6.19	8.69
3	1.50	5.91	9.68
4	2.91	5.92	8.01
5	0.55	6.11	8.59
6	0.55	6.19	8.86
7	0.57	5.70	8.16
8	1.17	5.10	8.62
9	0.78	3.12	11.08
10	0.59	5.49	14.45
11	2.35	6.89	20.25
12	3.60	8.16	21.87
13	3.72	8.61	22.79
14	4.30	9.44	24.83
15	3.18	8.93	15.35
16	2.73	9.25	17.25
17	3.46	7.60	14.78
18	0.65	6.72	17.45
19	1.82	5.62	13.79
20	0.76	6.46	9.60
21	1.09	6.82	9.34
22	2.22	6.77	12.89
23	2.84	6.29	8.84
24	1.59	5.75	9.15
SUMMARY	0.55	6.64	24.83

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 3 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-7.88	0.59	11.39
2	-8.43	-0.34	8.54
3	-9.76	-0.81	8.36
4	-11.20	-1.31	10.66
5	-11.00	-1.55	10.48
6	-11.40	-1.80	10.34
7	-11.60	-2.11	10.22
8	-11.50	-1.73	10.14
9	-5.32	3.09	12.00
10	-2.93	7.23	15.52
11	-1.89	9.62	18.38
12	-0.79	11.43	21.22
13	1.08	12.57	22.89
14	1.86	13.23	24.12
15	3.09	13.68	23.77
16	2.95	13.83	23.73
17	3.51	13.66	23.24
18	2.89	12.58	22.11
19	-1.77	7.34	18.36
20	-4.87	4.73	15.02
21	-5.66	3.59	13.19
22	-6.51	2.67	12.85
23	-6.58	1.94	11.58
24	-7.23	0.92	9.94
SUMMARY	-11.60	5.13	24.12

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.50	5.87	9.25
2	2.61	5.95	8.25
3	1.60	5.51	8.21
4	1.91	5.45	11.37
5	1.56	6.15	13.23
6	1.58	5.53	10.48
7	1.23	5.09	7.78
8	1.46	5.39	7.76
9	1.62	4.68	6.47
10	1.93	3.76	8.93
11	3.28	5.70	11.92
12	2.91	6.80	11.92
13	1.92	7.46	18.30
14	1.47	7.11	19.74
15	1.51	7.17	20.38
16	0.91	7.19	15.34
17	2.08	6.78	14.14
18	1.09	4.68	7.44
19	3.72	6.60	9.61
20	2.98	7.36	17.35
21	0.61	6.59	9.98
22	1.59	6.51	8.53
23	0.83	4.96	7.93
24	2.02	5.91	9.14
SUMMARY	0.61	6.02	20.38

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 3 FOR 11/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-23.30	-4.32	3.80
2	-23.40	-4.74	2.53
3	-24.00	-5.38	1.50
4	-25.10	-5.53	0.47
5	-25.10	-5.95	0.08
6	-24.50	-6.77	0.60
7	-24.40	-6.91	0.84
8	-24.60	-7.21	-0.67
9	-25.30	-5.46	2.18
10	-19.40	-0.17	7.64
11	-16.40	3.18	11.99
12	-14.80	5.65	15.26
13	-14.00	7.23	15.71
14	-13.20	8.18	17.07
15	-12.90	8.75	17.47
16	-12.80	8.82	17.81
17	-13.10	8.37	17.03
18	-15.20	4.86	13.20
19	-21.00	0.81	11.58
20	-21.70	-0.72	7.14
21	-22.40	-1.87	5.35
22	-22.80	-2.67	3.46
23	-23.00	-3.14	2.97
24	-23.10	-3.77	3.61
SUMMARY	-25.30	-0.35	17.81

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	2.40	6.08	11.57
2	1.54	6.17	8.79
3	1.50	5.60	9.68
4	1.56	5.64	11.37
5	0.55	5.96	13.23
6	0.55	5.85	10.48
7	0.57	5.27	8.16
8	1.02	4.62	8.62
9	0.78	3.79	11.08
10	0.59	5.25	15.11
11	1.47	6.46	20.25
12	2.91	7.74	21.87
13	1.92	8.27	22.79
14	1.47	8.36	24.83
15	1.51	8.08	20.38
16	0.91	8.42	17.25
17	2.08	7.45	19.85
18	0.65	6.27	17.45
19	1.82	5.86	13.79
20	0.76	6.74	17.35
21	0.61	6.74	11.07
22	1.59	6.79	12.89
23	0.83	5.99	11.73
24	0.93	5.98	9.45
SUMMARY	0.55	6.40	24.83

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 3 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-23.30	1.47	15.07
2	-23.40	0.88	19.82
3	-24.00	0.27	19.86
4	-25.10	-0.15	18.94
5	-25.10	-0.52	17.48
6	-24.50	-1.00	17.63
7	-24.40	-1.26	17.47
8	-24.60	-0.69	17.66
9	-25.30	2.93	18.51
10	-19.40	6.95	20.44
11	-16.40	9.52	24.57
12	-14.80	11.56	27.04
13	-14.00	12.85	27.72
14	-13.20	13.63	28.13
15	-12.90	14.27	28.57
16	-12.80	14.40	28.60
17	-13.10	13.98	28.79
18	-15.20	12.32	28.40
19	-21.00	8.78	27.94
20	-21.70	5.72	20.12
21	-22.40	4.40	19.94
22	-22.80	3.53	18.21
23	-23.00	2.95	18.91
24	-23.10	2.01	16.71
SUMMARY	-25.30	5.79	28.79

B.2.4

METEOROLOGICAL DATA COMPOSITE DAY SUMMARIES
FOR SITE 4
1 SEPTEMBER 1976 THROUGH 30 NOVEMBER 1976

WS10	Wind Speed at the 10-m level (mph)
AT10	Air Temperature at the 10-m level (degrees Celsius)

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 4 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.44	3.71	6.38
2	1.57	3.82	5.33
3	2.07	3.90	6.26
4	1.01	3.97	6.58
5	1.23	4.00	7.29
6	1.61	3.57	7.13
7	1.39	3.62	6.04
8	1.22	2.74	5.53
9	1.21	2.67	8.00
10	1.91	4.58	14.26
11	2.09	5.58	19.16
12	1.75	6.92	19.56
13	2.40	7.56	20.74
14	2.39	8.04	17.96
15	2.72	8.59	15.40
16	2.38	8.26	14.28
17	3.18	9.11	22.52
18	2.46	7.67	14.95
19	0.91	6.02	11.54
20	1.81	4.78	12.20
21	2.41	5.27	9.91
22	1.15	4.28	9.98
23	1.55	4.12	6.40
24	1.43	4.02	9.92
SUMMARY	0.91	5.29	22.52

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 4 FOR 9/ 1/76 - 9/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-0.99	7.04	14.79
2	-2.25	5.92	14.11
3	-3.12	5.18	14.60
4	-3.41	4.73	16.14
5	-3.72	4.46	18.48
6	-4.77	3.69	14.61
7	-5.42	3.37	18.72
8	-4.69	5.43	18.18
9	3.36	11.10	19.03
10	8.29	14.56	21.32
11	9.74	17.09	24.61
12	11.33	19.05	27.87
13	12.95	20.31	29.56
14	13.94	21.09	29.75
15	14.51	21.62	29.92
16	14.95	21.86	30.68
17	14.42	21.48	30.02
18	13.56	21.27	30.15
19	9.75	19.67	29.32
20	6.32	15.06	21.41
21	5.02	12.68	17.83
22	3.03	11.00	17.45
23	2.21	9.73	21.84
24	-0.07	8.19	17.38
SUMMARY	-5.42	12.74	30.68

RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 4 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.74	3.99	7.05
2	1.59	3.92	5.94
3	1.45	3.85	4.94
4	2.20	3.98	5.81
5	2.22	3.73	6.45
6	1.45	3.30	5.44
7	1.25	3.44	5.41
8	1.31	3.15	4.69
9	0.99	2.00	7.93
10	1.14	3.36	9.37
11	2.55	5.18	15.99
12	2.62	6.51	17.77
13	3.98	7.33	18.76
14	3.01	8.11	19.01
15	3.00	8.77	19.08
16	2.94	8.87	19.02
17	3.07	8.01	16.15
18	2.40	6.76	14.57
19	1.15	4.35	11.08
20	2.10	4.86	12.16
21	2.01	4.32	13.69
22	1.69	3.91	8.36
23	1.46	3.97	7.22
24	1.31	3.61	9.44
SUMMARY	0.99	4.95	19.08

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 4 FOR 10/ 1/76 - 10/31/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-12.40	-3.55	10.30
2	-14.10	-4.58	7.68
3	-13.70	-5.35	5.54
4	-14.70	-5.74	6.55
5	-15.10	-6.15	6.87
6	-16.20	-6.69	6.63
7	-16.20	-6.69	7.23
8	-16.70	-6.54	8.06
9	-10.20	-0.31	10.30
10	-3.33	5.91	14.79
11	-1.16	9.51	18.83
12	0.44	11.64	22.00
13	1.76	12.75	22.31
14	2.86	13.49	24.60
15	3.15	13.90	24.79
16	3.37	14.06	23.90
17	3.57	13.81	23.25
18	2.89	12.69	22.16
19	-1.24	7.46	18.38
20	-7.55	3.33	15.17
21	-7.87	1.20	11.84
22	-9.23	-0.29	11.97
23	-9.74	-1.66	9.39
24	-10.40	-2.88	8.03
SUMMARY	-16.70	2.89	24.79

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                RBOSP    COMPOSITE DAY SUMMARY

          WIND SPEED 10M SITE 4  FOR  11/ 1/76  -  11/30/76
     HOUR OF DAY         MINIMUM        MEAN      MAXIMUM

          1                1.88          4.19       14.38

          2                1.11          3.67        7.55

          3                1.13          3.21        4.90

          4                0.99          3.40        4.76

          5                1.20          3.55        7.19

          6                1.07          3.58       14.67

          7                1.49          3.59        8.04

          8                1.86          3.88       10.98

          9                0.75          2.63        6.01

         10                1.05          2.59       10.51

         11                1.65          4.12       12.28

         12                2.31          4.98       14.03

         13                3.09          6.16       15.39

         14                2.92          6.77       15.27

         15                3.16          7.05       16.07

         16                2.36          6.53       13.09

         17                1.71          6.19       12.89

         18                0.96          4.02       13.75

         19                0.88          4.18        8.88

         20                2.05          4.61       13.43

         21                2.82          4.53       10.40

         22                1.48          4.27        7.48

         23                1.48          3.97        6.87

         24                2.20          4.12        5.79


       SUMMARY             0.75          4.41       16.07
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          RBOSP    COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 4  FOR  11/ 1/76  -  11/30/76
HOUR OF DAY          MINIMUM        MEAN        MAXIMUM

      1              -27.20        -8.63        -0.42

      2              -28.30        -9.74        -3.00

      3              -29.70       -10.33        -3.60

      4              -30.10       -10.61        -4.17

      5              -30.60       -11.05        -4.32

      6              -31.50       -11.64        -4.71

      7              -31.40       -11.85        -3.65

      8              -31.30       -12.16        -2.82

      9              -30.50        -9.99        -1.92

     10              -19.90        -2.61         4.90

     11              -16.30         2.23         9.97

     12              -14.40         5.43        14.47

     13              -13.50         7.07        15.77

     14              -12.90         8.25        17.09

     15              -12.70         8.78        17.72

     16              -12.50         8.91        17.77

     17              -13.00         8.41        16.24

     18              -15.70         5.35        13.48

     19              -21.90        -0.16        11.17

     20              -24.00        -2.60         9.22

     21              -24.60        -4.57         5.87

     22              -26.00        -6.04         2.30

     23              -26.90        -7.45        -1.06

     24              -26.50        -8.34        -0.89


   SUMMARY           -31.50        -3.05        17.77
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RBOSP COMPOSITE DAY SUMMARY

WIND SPEED 10M SITE 4 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	1.44	3.97	14.38
2	1.11	3.80	7.55
3	1.13	3.65	6.26
4	0.99	3.78	6.58
5	1.20	3.76	7.29
6	1.07	3.48	14.67
7	1.25	3.55	8.04
8	1.22	3.26	10.98
9	0.75	2.43	8.00
10	1.05	3.50	14.26
11	1.65	4.95	19.16
12	1.75	6.14	19.56
13	2.40	7.01	20.74
14	2.39	7.64	19.01
15	2.72	8.14	19.08
16	2.36	7.89	19.02
17	1.71	7.74	22.52
18	0.96	6.12	14.95
19	0.88	4.83	11.54
20	1.81	4.75	13.43
21	2.01	4.69	13.69
22	1.15	4.15	9.98
23	1.46	4.01	7.22
24	1.31	3.91	9.92
SUMMARY	0.75	4.88	22.52

RBOSP COMPOSITE DAY SUMMARY

AIR TEMPERATURE 10M SITE 4 FOR 9/ 1/76 - 11/30/76

HOUR OF DAY	MINIMUM	MEAN	MAXIMUM
1	-27.20	-1.83	14.79
2	-28.30	-2.91	14.11
3	-29.70	-3.62	14.60
4	-30.10	-3.99	16.14
5	-30.60	-4.36	18.48
6	-31.50	-5.00	14.61
7	-31.40	-5.17	18.72
8	-31.30	-4.55	18.18
9	-30.50	0.14	19.03
10	-19.90	5.86	21.32
11	-16.30	9.53	24.61
12	-14.40	12.04	27.87
13	-13.50	13.37	29.56
14	-12.90	14.27	29.75
15	-12.70	14.75	29.92
16	-12.50	14.78	30.68
17	-13.00	14.40	30.02
18	-15.70	12.92	30.15
19	-21.90	8.93	29.32
20	-24.00	5.11	21.41
21	-24.60	2.95	17.83
22	-26.00	1.41	17.45
23	-26.90	0.06	21.84
24	-26.50	-1.26	17.38
SUMMARY	-31.50	4.08	30.68

SECTION B.3

WIND SPEED VERSUS WIND DIRECTION SUMMARIES FALL 1976

B.3-1 to B.3-4

RBOSP WIND ROSE DATA FOR SITE 1 10-M LEVEL

9/ 1/76 - 11/30/76

IR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.8	1.9	1.2	0.3	0.0	0.0	4.3	6.5
NNE	0.6	1.4	2.0	1.3	0.1	0.0	5.4	9.0
NE	0.4	2.1	1.4	0.4	0.0	0.0	4.4	7.1
ENE	0.8	4.6	0.3	0.0	0.0	0.0	5.7	4.6
E	0.8	3.5	0.2	0.0	0.0	0.0	4.5	4.5
ESE	0.3	1.3	0.1	0.0	0.0	0.0	1.7	4.4
SE	0.4	0.6	0.1	0.0	0.0	0.0	1.1	3.7
SSE	0.8	0.7	0.1	0.0	0.0	0.0	1.7	3.5
S	0.9	1.2	0.3	0.1	0.0	0.0	2.6	5.1
SSW	1.0	2.5	2.2	0.9	0.0	0.0	6.5	6.9
SW	1.4	5.4	1.6	0.1	0.0	0.0	8.5	5.1
WSW	1.5	4.7	8.3	1.6	0.0	0.0	16.1	7.9
W	1.6	3.2	5.1	1.7	0.3	0.0	11.9	8.0
WNW	1.9	6.2	2.7	0.9	0.2	0.0	11.8	6.1
NW	1.5	4.0	1.1	0.7	0.0	0.0	7.3	5.6
NNW	0.9	1.7	1.2	0.1	0.0	0.0	4.0	5.8
TOTAL	15.6	45.0	28.0	8.3	0.8	0.0	97.7	6.3

RBOSP WIND ROSE DATA FOR SITE 2 10-M LEVEL

9/ 1/76 - 11/30/76

IR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.4	1.7	1.3	0.1	0.0	0.0	3.5	6.5
NNE	0.4	2.9	1.8	0.5	0.0	0.0	5.6	6.9
NE	0.3	2.3	1.2	0.0	0.0	0.0	3.7	5.9
ENE	0.2	2.7	0.7	0.0	0.0	0.0	3.6	5.5
E	0.3	2.9	0.1	0.0	0.0	0.0	3.4	4.8
ESE	0.5	2.3	0.1	0.0	0.0	0.0	2.9	4.7
SE	0.6	1.6	0.3	0.1	0.0	0.0	2.5	4.8
SSE	0.7	1.3	0.3	0.1	0.0	0.0	2.3	4.6
S	0.9	1.9	0.5	0.4	0.0	0.0	3.7	5.7
SSW	0.6	2.2	1.7	1.2	0.1	0.0	5.7	8.1
SW	0.8	1.8	3.3	3.9	0.6	0.1	10.5	10.5
WSW	0.9	4.4	5.2	2.6	0.7	0.1	13.8	8.9
W	2.1	8.4	4.4	1.8	0.3	0.1	17.2	6.9
WNW	2.5	5.5	2.5	1.2	0.3	0.1	12.1	6.5
NW	0.9	1.9	0.9	0.5	0.1	0.0	4.3	6.2
NNW	0.8	1.6	0.7	0.0	0.0	0.0	3.1	5.1
TOTAL	12.7	45.4	25.1	12.3	2.1	0.3	98.0	7.0

RBOSP WIND ROSE DATA FOR SITE 3 10-M LEVEL

9/ 1/76 - 11/30/76

IR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.2	0.8	0.2	0.0	0.0	0.0	1.2	5.1
NNE	0.2	1.1	0.1	0.0	0.0	0.0	1.5	4.8
NE	0.5	2.6	1.5	0.1	0.0	0.0	4.7	6.0
ENE	0.7	3.8	1.9	0.2	0.0	0.0	6.5	6.2
E	1.0	5.6	1.0	0.0	0.0	0.0	7.5	5.0
ESE	0.4	3.4	0.4	0.0	0.0	0.0	4.3	5.1
SE	0.2	0.6	0.1	0.0	0.0	0.0	0.9	4.7
SSE	0.6	0.3	0.0	0.0	0.0	0.0	0.8	2.9
S	0.3	0.3	0.2	0.0	0.0	0.0	0.8	4.7
SSW	0.3	0.5	0.6	0.0	0.0	0.0	1.4	6.3
SW	0.4	0.8	1.5	0.3	0.0	0.0	3.1	8.0
WSW	1.2	1.6	2.4	1.0	0.2	0.1	6.4	8.1
W	2.0	17.8	7.3	1.3	0.3	0.0	28.8	6.4
WNW	0.8	13.0	14.4	0.6	0.0	0.0	28.8	6.8
NW	0.1	0.6	0.8	0.1	0.0	0.0	1.6	7.3
NNW	0.1	0.8	0.2	0.0	0.0	0.0	1.1	5.6
TOTAL	8.8	53.7	32.8	3.5	0.4	0.1	99.3	6.4

RBOSP WIND ROSE DATA FOR SITE 4 10-M LEVEL

9/ 1/76 - 11/30/76

IR.	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG. WIND SPEED (MPH)
N	0.5	1.8	1.7	0.4	0.0	0.0	4.4	6.9
NNE	0.6	3.7	2.7	0.5	0.0	0.0	7.4	6.6
NE	1.4	5.5	1.5	0.0	0.0	0.0	8.4	5.2
ENE	1.2	3.3	0.2	0.0	0.0	0.0	4.6	4.2
E	0.8	0.7	0.0	0.0	0.0	0.0	1.5	3.4
ESE	0.3	0.5	0.1	0.0	0.0	0.0	0.9	3.8
SE	0.3	0.6	0.0	0.0	0.0	0.0	1.0	3.9
SSE	0.6	0.6	0.5	0.0	0.0	0.0	1.7	5.0
S	1.4	1.0	0.5	0.0	0.0	0.0	2.9	4.4
SSW	4.2	8.0	1.0	0.5	0.1	0.0	13.8	4.5
SW	7.5	25.1	1.3	0.8	0.3	0.0	34.9	4.4
WSW	2.6	7.2	1.0	0.4	0.1	0.0	11.3	4.8
W	0.5	0.6	1.1	0.3	0.0	0.0	2.5	7.4
WNW	0.5	0.8	0.6	0.0	0.0	0.0	1.9	5.5
NW	0.1	0.5	0.3	0.0	0.0	0.0	0.9	5.4
NNW	0.2	1.1	0.1	0.0	0.0	0.0	1.4	5.2
TOTAL	22.6	60.9	12.7	3.1	0.5	0.0	99.7	4.9

SECTION B.4

WIND ROSE PLOTS
FALL 1976

Circular divisions represent percentage of occurrence of wind speed class.

FALL 1976 (SEPTEMBER, OCTOBER, NOVEMBER) WIND ROSES FOR THE 10-M LEVEL
FOR SITES 1, 2, 3, AND 4, RBOSP

SECTION B.5

JOINT FREQUENCY DISTRIBUTION BETWEEN WIND SPEED, WIND DIRECTION, AND ATMOSPHERIC STABILITY AT SITE 1
FALL 1976

B.5-1 to B.5-7

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX A

PERIOD OF RECORD-FALL

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.0	0.0	0.24	0.10	0.0	0.0	0.34	10.63
NNE	0.0	0.0	0.19	0.10	0.05	0.0	0.34	11.64
NE	0.0	0.0	0.10	0.05	0.0	0.0	0.14	10.98
ENE	0.0	0.05	0.10	0.0	0.0	0.0	0.14	7.96
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.05	0.05	0.0	0.0	0.0	0.10	7.46
SSW	0.0	0.0	0.63	0.53	0.0	0.0	1.16	11.95
SW	0.0	0.0	0.29	0.10	0.0	0.0	0.39	11.33
WSW	0.0	0.0	0.24	0.05	0.0	0.0	0.29	10.81
W	0.0	0.05	0.29	0.19	0.0	0.0	0.53	10.34
WNW	0.0	0.0	0.24	0.05	0.0	0.0	0.29	10.61
NW	0.0	0.05	0.14	0.10	0.0	0.0	0.29	9.51
NNW	0.0	0.0	0.24	0.0	0.0	0.0	0.24	8.17
TOTAL	0.0	0.19	2.75	1.26	0.05	0.0	4.25	10.74
AVG SPD	0.0	6.20	9.55	13.72	19.62	0.0	10.74	10.74

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 90
NUMBER OF HOURS OF DATA - 2070

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX B

PERIOD OF RECORD-FALL

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.0	0.10	0.10	0.0	0.0	0.0	0.19	6.35
NNE	0.0	0.0	0.39	0.0	0.05	0.0	0.43	11.01
NE	0.0	0.14	0.34	0.05	0.0	0.0	0.53	8.64
ENE	0.0	0.05	0.05	0.0	0.0	0.0	0.10	7.26
E	0.0	0.0	0.05	0.0	0.0	0.0	0.05	7.17
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.05	0.0	0.0	0.0	0.05	10.94
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.24	0.24	0.0	0.0	0.48	11.17
SW	0.0	0.05	0.05	0.0	0.0	0.0	0.10	8.33
WSW	0.0	0.0	0.48	0.14	0.0	0.0	0.63	10.89
W	0.0	0.10	0.43	0.05	0.05	0.0	0.63	9.88
WNW	0.0	0.05	0.29	0.19	0.0	0.0	0.53	10.53
NW	0.0	0.10	0.29	0.14	0.0	0.0	0.53	9.27
NNW	0.0	0.10	0.05	0.0	0.0	0.0	0.14	6.61
TOTAL	0.0	0.68	2.80	0.82	0.10	0.0	4.40	9.76
AVG SPD	0.0	5.74	9.33	13.24	20.65	0.0	9.76	9.76

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 90
NUMBER OF HOURS OF DATA - 2070

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX C

PERIOD OF RECORD-FALL

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.0	0.10	0.05	0.05	0.0	0.0	0.19	8.23
NNE	0.0	0.39	0.10	0.24	0.0	0.0	0.72	9.16
NE	0.0	0.10	0.19	0.10	0.0	0.0	0.39	9.48
ENE	0.0	0.39	0.10	0.0	0.0	0.0	0.48	6.49
E	0.0	0.34	0.10	0.0	0.0	0.0	0.43	6.38
ESE	0.0	0.10	0.05	0.0	0.0	0.0	0.14	6.02
SE	0.0	0.05	0.0	0.0	0.0	0.0	0.05	6.45
SSE	0.0	0.10	0.05	0.0	0.0	0.0	0.14	5.70
S	0.0	0.0	0.05	0.10	0.0	0.0	0.14	12.04
SSW	0.0	0.10	0.39	0.10	0.0	0.0	0.58	10.08
SW	0.0	0.10	0.10	0.0	0.0	0.0	0.19	7.14
WSW	0.0	0.05	0.58	0.10	0.0	0.0	0.72	9.61
W	0.0	0.19	0.82	0.29	0.0	0.0	1.30	9.56
WNW	0.0	0.05	0.29	0.14	0.0	0.0	0.48	10.52
NW	0.0	0.10	0.19	0.14	0.0	0.0	0.43	10.53
NNW	0.0	0.10	0.0	0.0	0.0	0.0	0.10	5.15
TOTAL	0.0	2.22	3.04	1.26	0.0	0.0	6.52	8.95
AVG SPD	0.0	5.88	9.28	13.57	0.0	0.0	8.95	8.95

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 90
NUMBER OF HOURS OF DATA - 2070

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX D

PERIOD OF RECORD-FALL

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.14	0.68	0.29	0.14	0.05	0.0	1.30	7.46
NNE	0.05	0.68	1.01	0.87	0.0	0.0	2.61	10.06
NE	0.10	1.50	0.72	0.19	0.05	0.0	2.61	7.02
ENE	0.48	3.57	0.05	0.0	0.0	0.0	4.11	4.55
E	0.43	2.90	0.10	0.0	0.0	0.0	3.48	4.67
ESE	0.10	1.01	0.05	0.0	0.0	0.0	1.21	4.61
SE	0.24	0.34	0.10	0.0	0.0	0.0	0.68	4.06
SSE	0.34	0.24	0.0	0.05	0.0	0.0	0.68	3.73
S	0.24	0.48	0.14	0.05	0.05	0.0	0.97	6.54
SSW	0.0	0.34	0.43	0.05	0.0	0.0	0.82	8.35
SW	0.0	0.48	0.43	0.0	0.0	0.0	0.92	6.69
WSW	0.05	0.53	1.55	0.43	0.05	0.0	2.61	9.22
W	0.10	0.48	1.06	0.72	0.19	0.0	2.56	10.79
WNW	0.10	0.39	0.39	0.29	0.14	0.0	1.30	9.92
NW	0.05	0.43	0.24	0.24	0.0	0.0	0.97	8.57
NNW	0.14	0.19	0.43	0.14	0.0	0.0	0.92	7.67
TOTAL	2.56	14.25	7.00	3.19	0.53	0.0	27.73	7.19
AVG SPD	2.32	4.98	9.32	14.59	19.65	0.0	7.19	7.19

NUMBER OF CALM HOURS - 4
NUMBER OF MISSING HOURS - 90
NUMBER OF HOURS OF DATA - 2070

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX E

PERIOD OF RECORD-FALL

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.53	1.01	0.58	0.05	0.0	0.0	2.17	5.40
NNE	0.43	0.39	0.24	0.14	0.0	0.0	1.21	6.15
NE	0.29	0.24	0.05	0.05	0.0	0.0	0.63	4.36
ENE	0.29	0.39	0.05	0.0	0.0	0.0	0.82	3.21
E	0.24	0.14	0.0	0.0	0.0	0.0	0.48	2.16
ESE	0.14	0.14	0.05	0.0	0.0	0.0	0.34	3.78
SE	0.19	0.14	0.0	0.0	0.0	0.0	0.39	2.57
SSE	0.48	0.29	0.05	0.0	0.0	0.0	0.92	2.65
S	0.63	0.68	0.05	0.0	0.0	0.0	1.40	3.52
SSW	0.87	1.79	0.53	0.0	0.0	0.0	3.38	4.25
SW	1.26	4.20	0.63	0.0	0.0	0.0	6.43	4.45
WSW	1.26	3.48	3.77	0.29	0.0	0.0	9.03	6.69
W	1.45	2.37	2.08	0.39	0.0	0.0	6.38	6.13
WNW	1.50	4.69	0.77	0.24	0.05	0.0	7.44	4.73
NW	1.30	2.22	0.10	0.10	0.0	0.0	3.91	3.87
NNW	0.63	0.97	0.29	0.0	0.0	0.0	1.93	4.27
TOTAL	11.50	23.14	9.23	1.26	0.05	0.0	46.86	5.04
AVG SPD	2.20	4.70	8.94	13.82	18.63	0.0	5.04	5.04

NUMBER OF CALM HOURS - 35
NUMBER OF MISSING HOURS - 90
NUMBER OF HOURS OF DATA - 2070

R.B.O.S.P. SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION
FOR STABILITY INDEX F

PERIOD OF RECORD-FALL

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.10	0.10	0.0	0.0	0.0	0.0	0.19	3.88
NNE	0.10	0.0	0.0	0.0	0.0	0.0	0.14	1.53
NE	0.05	0.05	0.0	0.0	0.0	0.0	0.10	3.05
ENE	0.05	0.10	0.0	0.0	0.0	0.0	0.14	3.10
E	0.10	0.10	0.0	0.0	0.0	0.0	0.24	2.95
ESE	0.10	0.05	0.0	0.0	0.0	0.0	0.14	2.65
SE	0.0	0.05	0.0	0.0	0.0	0.0	0.05	4.22
SSE	0.05	0.05	0.0	0.0	0.0	0.0	0.10	2.79
S	0.10	0.0	0.0	0.0	0.0	0.0	0.10	1.31
SSW	0.10	0.34	0.0	0.0	0.0	0.0	0.48	4.16
SW	0.10	0.58	0.14	0.0	0.0	0.0	0.82	5.25
WSW	0.19	0.68	1.64	0.63	0.0	0.0	3.14	8.87
W	0.10	0.14	0.39	0.05	0.05	0.0	0.72	8.21
WNW	0.24	0.72	0.63	0.0	0.0	0.0	1.59	6.20
NW	0.10	1.01	0.19	0.0	0.0	0.0	1.35	5.18
NNW	0.10	0.34	0.24	0.0	0.0	0.0	0.68	6.58
TOTAL	1.55	4.30	3.24	0.68	0.05	0.0	10.00	6.49
AVG SPD	2.01	5.12	9.27	12.89	18.47	0.0	6.49	6.49

NUMBER OF CALM HOURS - 4
NUMBER OF MISSING HOURS - 90
NUMBER OF HOURS OF DATA - 2070

R.B.O.S.P, SITE 1

THE PERCENTAGE OF OCCURENCE OF WIND SPEED CLASS AND WIND DIRECTION FOR STABILITY INDEX G

PERIOD OF RECORD-FALL

	1-3	3-7	7-12	12-18	18-24	24-UP	TOTAL	AVG SPD MPH
N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ESE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SW	0.0	0.05	0.0	0.0	0.0	0.0	0.05	3.36
WSW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
W	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WNW	0.0	0.05	0.10	0.0	0.0	0.0	0.14	8.94
NW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NNW	0.05	0.0	0.0	0.0	0.0	0.0	0.05	2.76
TOTAL	0.05	0.10	0.10	0.0	0.0	0.0	0.24	6.59
AVG SPD	2.76	5.10	9.98	0.0	0.0	0.0	6.59	6.59

NUMBER OF CALM HOURS - 0
NUMBER OF MISSING HOURS - 90
NUMBER OF HOURS OF DATA - 2070

SECTION B.6

UPPER AIR DATA LISTINGS
FALL 1976

Upper air studies performed as part of the Tracer Study in the Fall quarter.

SECTION B.7

METEOROLOGICAL DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS
FALL 1976

B.7-1 to B.7-2

SECTION B.7

METEOROLOGICAL DATA RECOVERY PERCENTAGES FOR ALL CONTINUOUSLY MONITORED PARAMETERS FOR THE RBOSP

SEPTEMBER 1976

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	97.3	91.0	95.9	97.1
WD10	97.3	94.2	93.4	97.1
AT10	97.0	99.6	93.4	97.1
PREC	60.6	69.8	96.1	97.1
RH10	97.3	--	--	--
SG10	97.3	--	--	--
WS30	97.3	--	--	--
WD30	97.3	--	--	--
AT30	97.0	--	--	--
WS60	97.3	--	--	--
WD60	97.3	--	--	--
ΔT(10-60)	96.8	--	--	--
SI	97.3	--	--	--

OCTOBER 1976

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	100.0	60.3	90.5	100.0
WD10	100.0	100.0	100.0	100.0
AT10	100.0	100.0	100.0	100.0
PREC	100.0	100.0	100.0	100.0
RH10	100.0	--	--	--
SG10	100.0	--	--	--
WS30	100.0	--	--	--
WD30	100.0	--	--	--
AT30	100.0	--	--	--
WS60	100.0	--	--	--
WD60	100.0	--	--	--
ΔT(10-60)	100.0	--	--	--
SI	100.0	--	--	--

NOVEMBER 1976

Parameters	Site 1	Site 2	Site 3	Site 4
WS10	96.5	60.4	61.1	99.9
WD10	96.5	99.2	99.2	99.9
AT10	96.2	99.2	99.2	99.9
PREC	96.5	99.3	100.0	99.9
RH10	96.5	--	--	--
SG10	96.5	--	--	--
WS30	96.5	--	--	--
WD30	96.5	--	--	--
AT30	96.4	--	--	--
WS60	96.5	--	--	--
WD60	96.5	--	--	--
ΔT(10-60)	96.2	--	--	--
SI	96.5	--	--	--

NOTE: Percentage values are adjusted for calibration or Force Majeure outages. Values represent the percent of time continuously monitored parameters were measured.

WS10	Wind Speed at the 10-m level (mph)
WD10	Wind Direction at the 10-m level (degrees)
AT10	Air Temperature at the 10-m level (degrees Celsius)
PREC	Precipitation at ground level (inches of H_2))
RH10	Relative Humidity at the 10-m level (percent)
SG10	Standard Deviation of the Wind Direction (wind sigma) at the 10-m level (degrees)
WS30	Wind Speed at the 30-m level (mph)
WD30	Wind Direction at the 30-m level (degrees)
AT30	Air Temperature at the 30-m level (degrees Celsius)
WS60	Wind Speed at the 60-m level (mph)
WD60	Wind Direction at the 60-m level (degrees)
ΔT60	Temperature (ΔT) between 10-m and 60-m level (degrees Celsius)
SI	Solar Radiation at ground level (Langley)

6657.76

FINAL REPORT
DOCUMENTATION OF VISIBILITY IN THE PICEANCE CREEK BASIN FOR RIO BLANCO OIL SHALE & C-b SHALE OIL PROJECTS

DAMES & MOORE

ENVIRONMENTAL AND
APPLIED EARTH SCIENCES

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PERTH
TEHRAN
TORONTO

January 12, 1977

Rio Blanco Oil Shale Project
9725 East Hampden Avenue
Denver, Colorado 80231

Attention: Mr. Sam Miller

Gentlemen:

Final Report
Documentation of Visibility
In the Piceance Creek Basin
For Rio Blanco Oil Shale and
C-b Shale Oil Projects

We are pleased to submit ten (10) copies of the final report entitled "Documentation of Visibility in the Piceance Creek Basin." This report presents the results of visibility data collections over a one-year period, September 25, 1975 to September 22, 1976. It has been a pleasure serving you in this capacity and we look forward to working with you in the future.

Sincerely,

DAMES & MOORE

Dennis L. Haase

Dennis L. Haase
Staff Meteorologist

Edwin M. Roberts

Edwin M. Roberts
Partner

DLH:EMR:tc

FINAL REPORT
DOCUMENTATION OF VISIBILITY IN THE PICEANCE CREEK BASIN FOR RIO BLANCO OIL SHALE & C-b SHALE OIL PROJECTS

DAMES & MOORE
9836-001-16
January, 1977

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ABSTRACT

The documentation of visibility in the Piceance Creek Basin was a study conducted by Dames & Moore for the Rio Blanco Oil Shale and C-b Shale Oil Projects. This program was one of many environmental studies conducted to satisfy the requirements of the Federal Oil Shale Lease Environmental Stipulations.

Visual range measurements were made by photographic photometry every sixth day from September, 1975 to September, 1976. Of a planned 1732 measurements, 1548 were obtained for an 89 percent recovery.

Visual ranges obtained during this period were generally high; 95 percent of the measurements exceeded 41 miles; 50 percent exceeded 78 miles. Seasonally, visual ranges averaged highest during the Fall of 1975, lowest during the Spring of 1976 and nearly equal during the Winter of 1975-76 and Summer of 1976. Daily mean visual ranges exhibited large fluctuations, especially during the Fall and Winter; variations of 30 to 40 miles were common.

Directional variations in the visibility were detected in every season. The largest variation in visibility occurred in a view along the Piceance Creek Basin. The mean visual range in this view was the lowest during each season. The generalized visibility (mean visual range) during the year-long study was 79 miles.

I. INTRODUCTION

The documentation of visibility in the Piceance Creek Basin area was a study conducted by Dames & Moore for the Rio Blanco Oil Shale and C-b Shale Oil Projects. Initiated in September, 1975 this study was one of many environmental programs conducted to satisfy the requirements of the Federal Oil Shale Lease Environmental Stipulations.

The Environmental Stipulations have no specific requirements for a visibility monitoring program; however, the funding oil shale projects and the Oil Shale Supervisor recognized the need for a program which would document the visibility and expand the capabilities of the air quality monitoring program.

Visibility studies are an integral part of any air quality monitoring program. Visibility measurements, though not yet capable of defining or measuring levels of specific atmospheric pollutants, are none-the-less good general indicators of the purity of air. Visibility is also probably the most frequently used layman tool for defining air quality and the only parameter of air quality measurements which is easily understood or recognized by the general public.

The objectives of this visibility program were to document the visibility in the area of the Piceance Creek Basin and identify trends or variations in visibility which may be evident

during a year-long monitoring program. The results of this program provide baseline visibility data against which future data may be compared and with which concurrent meteorological and air quality data may be incorporated for further evaluation and consideration.

During the course of this study, progress reports were made quarterly which presented the results of monitoring in each of the four seasons, beginning with the Fall of 1975. This final report is a cumulation of the data obtained in each of the seasons and discusses the seasonal and annual mean visibilities and other pertinent statistical descriptors of the visibility in the Piceance Creek Basin area.

Visibility measurements presented in this report were obtained between September 25, 1975 and September 22, 1976 and represent the 1975-1976 monitoring period. Approximately 1550 measurements were obtained and used in the statistical analysis of visual range during this year-long study.

II. METHODOLOGY

A. TERMINOLOGY

The terms visibility and visual range have been interchangeably used for several years. Their common usage is to signify the distance that something can be seen. Following Middleton, (1952), the terminology of this report distinguishes between visual range and visibility. Visual range is used within a narrow sense of the concept and visibility is used in a broader context.

Visual Range is defined in the following way: As an object is moved through the atmosphere toward the horizon sky, the contrast between the object and the sky decreases. At some distance the contrast becomes too small to be detected by the observer, and the object vanishes. The distance from the observer to the object at the vanishing point is the VISUAL RANGE. The term visual range is used in this report when referring to a maximum distance of sight along a single path length.

Visual range can vary in time and by direction. It is very common for a view to the west to differ significantly from say a view to the south when comparing concurrent measurements of visual range. It is often noticed for a fixed direction that the

visual range changes throughout the day. Such directional and time dependences would also be detected by the human eye. Thus, specific situations exist for each direction at a certain time. At any given time there is a more general or synoptic situation created by the directional dependence of visual range. Finally, there is the general long-term climatological situation that exists because of changes in visual range over all directions over a long period of time.

Visibility is used as a general term, descriptive of the general situations discussed above. As such it definitely has the connotation of a general state of clarity of the air. However, it does not represent an entirely subjective concept because of its connection with a given quantifiable set of values for visual range. In this report visibility is used as an areal descriptor. It will refer to an average of all directional visual range observations over specified periods of time. It will also be used in a qualitative sense in textual description of the clarity of the air as evaluated from overviews of visual range data.

Generalized Visibility, for example, is defined as the visual range averaged over all views for time periods of seasonal and annual extent.

B. THEORY OF THE METHOD

The method employed in the documentation of visibility incorporates the technique of photographic photometry to measure the attenuation of light by atmospheric scattering. Unlike the integrating nephelometer which relies on the analog response of a photoelectric detector to record light attenuation, photographic photometry employs photographic film as the recording medium. A discussion of the equations used in this study is presented in the Appendix.

Photographic measurements of the attenuation of light by atmospheric scattering have been made for many years in various ways and for different reasons. The technique is one method of turbidity measurement and has been applied to turbidity of water as well as turbidity of air. The technique has been used, for example, by the Lamont Geological Laboratories to measure undersea turbidity (Eittriem, 1969). Steffans (1949) developed the basic equations and theory necessary to apply photography to the study of visibility through the atmosphere. Steffans demonstrated that a camera can be used as an instrument for the measurement of visual range (visibility) and that a camera has certain advantages over the human eye: (1) a film provides a permanent record, (2) relative light intensities can be measured accurately, (3) a

film can be calibrated for its reaction to light, (4) the camera, if maintained in good condition, does not experience focus changes, fatigue or deterioration in its repeatability, and (5) a telephoto lens allows measurements through long atmospheric path lengths.

Experience shows that if a black object of sufficient size is moved through the atmosphere away from an observer, the object will appear to become brighter as the distance from the observer increases. This increase in brightness is the result of light being scattered toward the observer by small aerosol particules suspended in the air between the object and the observer. If the same object were moved away from the observer through a vacuum, it would remain black and would disappear only when its apparent size could no longer be resolved by the eye of the observer.

The casual observer of western scenery has noticed the changing shades of gray in successively more distant mountain ranges. This effect demonstrates the attenuation of light through air that contains particulate matter; it is this effect that is detected on film in the photographic measurement of visual range.

C. SAMPLING TECHNIQUES

Data Collection

Site and View Description - The collection of visibility data in the Piceance Creek Basin area was accomplished from a point approximately 8 miles southwest of Piceance Creek on a ridge between Hunter Creek and Dry Gulch. More precisely, the exact location of the photographic site was 39°46'11"N, 108°19'44"W, in:

Township	Range	Section	Description
3S	97W	19	SW/4 SW/4

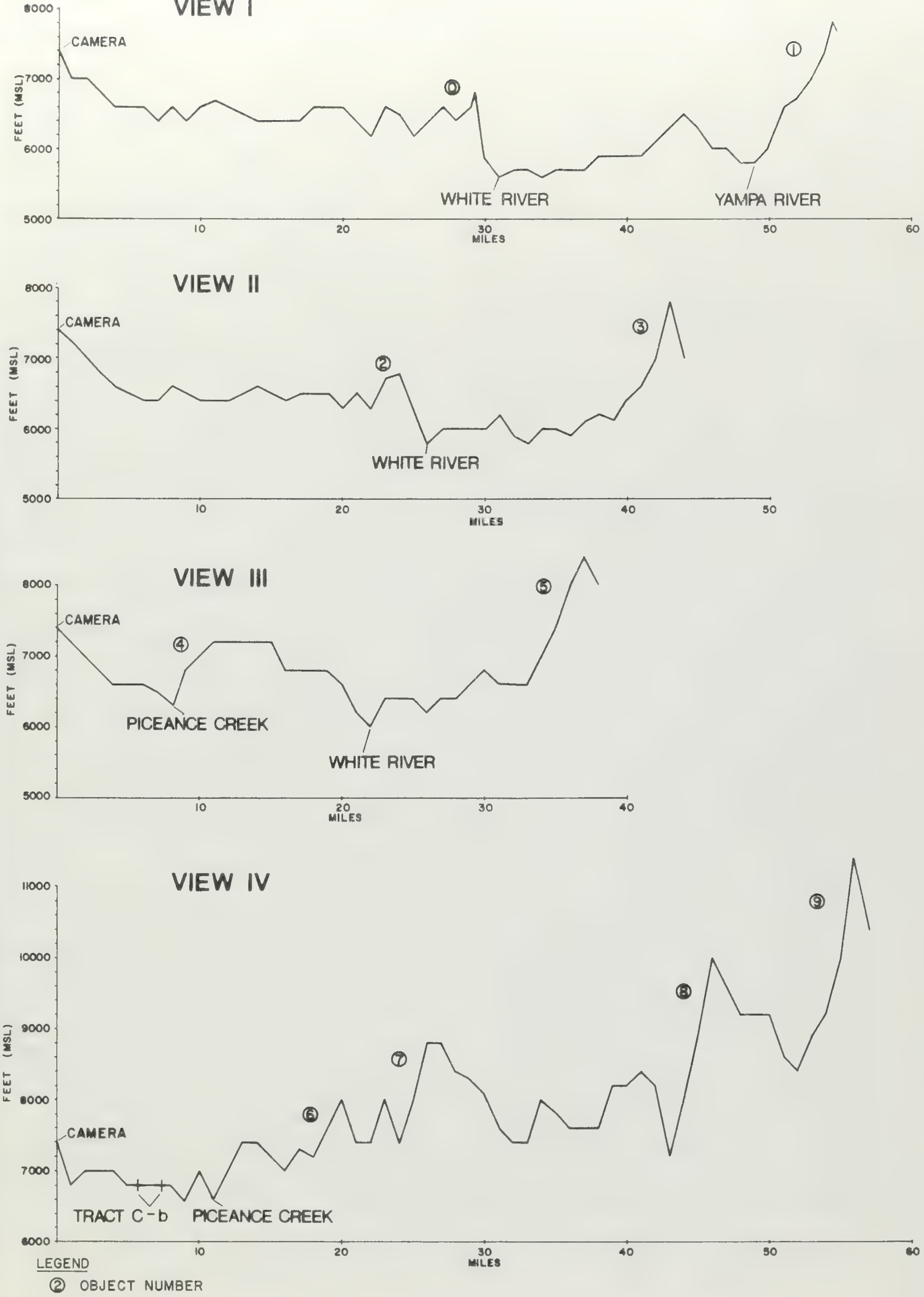
This location was chosen for its proximity to tract C-a, leased by Rio Blanco Oil Shale Project, and tract C-b, leased by C-b Shale Oil Project. Additionally, this location had greater accessibility than other prospective sites and enabled visual range measurements to be made along the Piceance Creek Basin. During the year long study, no days occurred in which the site was inaccessible to the photographers; however, on several occasions snowmobiles were required to reach the site.

Data were collected by photographing several objects, such as mountains or ridges, in each of four views which scan the horizon from the north-northwest to the east-northeast. Several views were chosen to enhance the probability of detecting variations in visibility which might occur. The use of at least two objects in each view enabled the calculation of a visual range

under a variety of visibility conditions. If inclement weather or other restrictions to visibility obscured the most distant object, visual range measurements could often be made with a less distant object. The number of objects in a view had no effect on the accuracy of visual range measurements; the minimum calculable visual range, however, was dictated by the availability of suitable objects near the camera site. It also would have been desirable to incorporate additional views and objects describing a larger portion of the horizon, however, the geographic nature of the area prohibited the use of additional views.

The location of the views used in this study and their orientation to Piceance Creek and tracts C-a and C-b is shown in the map located in the folder at the rear of the report; north being represented by the blue 'N' in the upper right hand corner. Profiles of the terrain along each view path are illustrated in Plate 1. The objects being photographed are identified by number. It should be noted that the vertical scale in these profiles in Plate 1 is greatly exaggerated, approximately 26 times greater than the horizontal scale. Nevertheless, this perspective provides a good grasp of the relative path lengths along the line of sight and the relative distances of each object from the camera.

Field Procedures - The photographic measurements of visual range were accomplished with a 35 mm camera attached to an



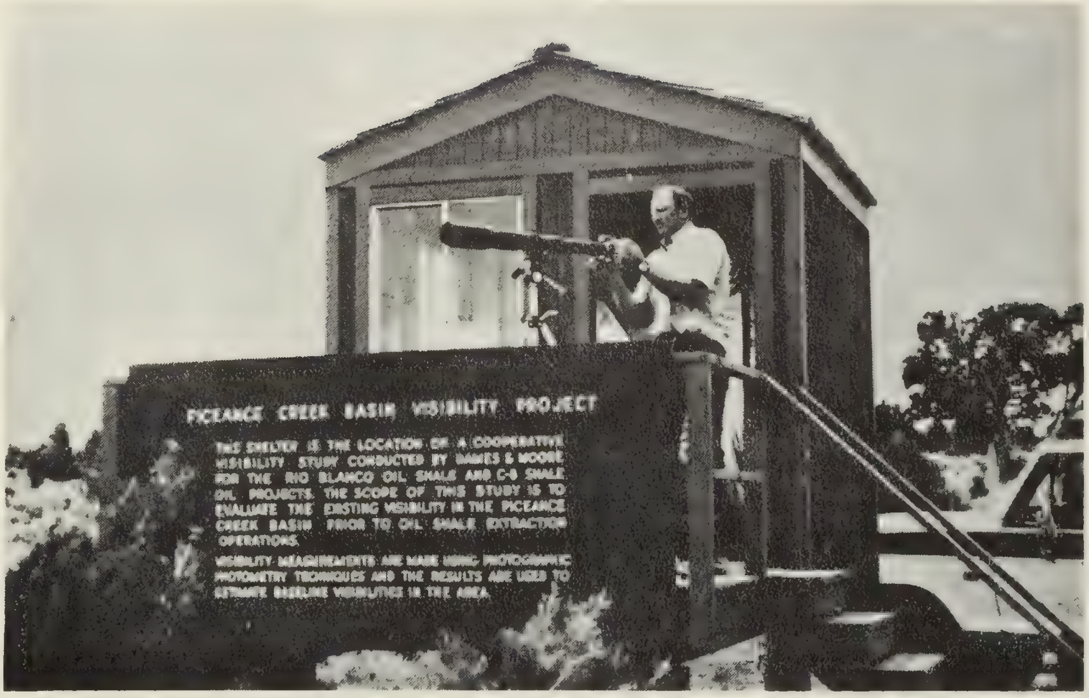
GENERALIZED CROSS SECTION OF THE TERRAIN FOR EACH VIEW USED IN THE PICEANCE CREEK BASIN VISIBILITY STUDY

DAMES & MOORE

PLATE 1

800 mm refractive lens shown in Plate 2. Black and white panchromatic film was used to photograph the objects in each view at prescribed hours every sixth day. In addition, color slides were taken concurrently with a normal focal-length lens and 35 mm camera to pictorially record the sky and weather conditions in each view during the hours of photography, i.e., 0830, 0930, 1030, 1130, 1300, 1400, and 1500 MST. Each roll of film used was identified at the beginning of each scheduled day of photography with a photograph of a card identifying the film roll with the date, location and project number.

To ensure constancy of operation in the field, the photographer followed a standard operating procedure check list which detailed the steps to be taken for the collection of visual range data. To preclude the possibliity that the wrong objects would be photographed, reference points near the visibility shelter were identified to assist the photographer in the alignment of the camera and lens. In addition reference points seen through the lens were used to center the objects in each view, although if improperly centered, visual range measurements could still be made; the relative centering of the objects in the camera had no affect on the calculation of visual range. During the year long study, only one hour of data for one view was lost due to improper alignment of the camera and lens in a view. In addition to the photography, pertinent visibility information was recorded each hour in a Site Log by the photographer to supplement the photo-


PICEANCE CREEK BASIN VISIBILITY PROJECT
THIS SHELTER IS THE LOCATION OF A COOPERATIVE VISIBILITY STUDY CONDUCTED BY DAMES & MOORE FOR THE RIO BLANCO OIL SHALE AND C-B SHALE OIL PROJECTS. THE SCOPE OF THIS STUDY IS TO EVALUATE THE EXISTING VISIBILITY IN THE PICEANCE CREEK BASIN PRIOR TO OIL SHALE EXTRACTION OPERATIONS.
VISIBILITY MEASUREMENTS ARE MADE USING PHOTOGRAPHIC PHOTOMETRY TECHNIQUES AND THE RESULTS ARE USED TO ESTIMATE BASELINE VISIBILITIES IN THE AREA.

VISIBILITY SHELTER
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

Plate 2

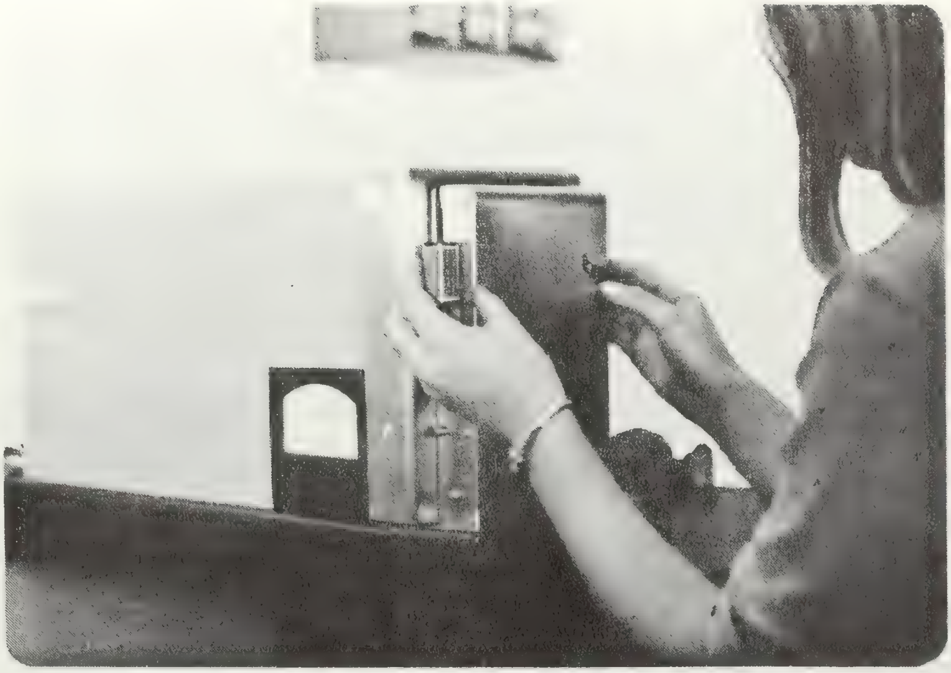
graphic study. Each hour, notations were made on the local weather conditions, restrictions to vision and view usability, with additional comments for any unusual occurrences such as camera malfunctions or site visits. At the completion of the day, the film was removed from the camera and stored in a cool, dry location until being mailed in insulated containers to the laboratory for development.

Data Reduction

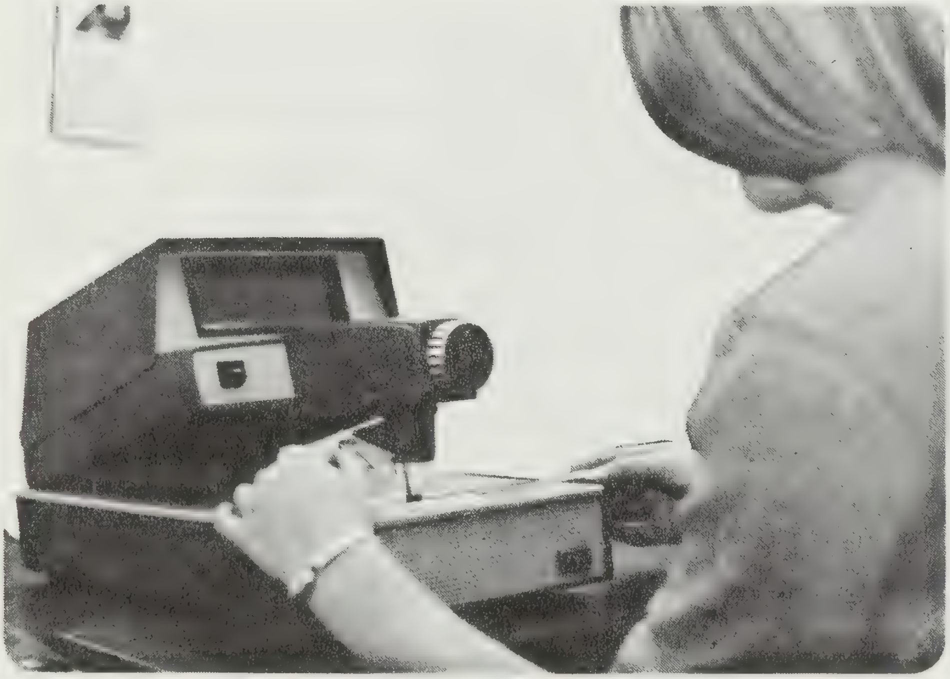
Film Processing - Processing of the black and white film was accomplished in the Dames & Moore Laboratory under closely controlled conditions. Photographic chemicals were frequently replaced and processing temperatures held to within ±1°C. Color film was not used to provide numerical data; thus it was developed through commercial sources.

Prior to development of the black and white film, the leading end of each film roll was exposed to a calibrated series of eleven different light intensities. Each film roll was exposed to these light intensities in a Kodak Process Control Sensitometer Model 101, illustrated in Plate 3.

Once development of the film roll was complete, the densities of the eleven steps, referred to as a sensitometric strip, were obtained with a MacBeth TD504 Densitometer, also illustrated in Plate 3. These denisties, when plotted versus the logarithm



SENSITOMETER



DENSITOMETER

LABORATORY EQUIPMENT

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of the exposure, provide a characteristic curve for a particular film roll. The characteristic curve provides the functional relation between exposure and image density.

Visual Range Calculations - In any photographic negative, the presence of an image is due to contrasts in light reflected by the several objects in the picture; this light enters the camera and sensitizes the film. The image on the film is created by an exposure, E, of the film proportional to the intensity of light, I, from the object. The ratio of light intensities from two objects in the same frame can be obtained from the measured densities of the two images and the characteristic curve. For example, suppose D_1 and D_2 are the image densities of two objects in the same frame. From the characteristic curve, values can be read for log E_1 and log E_2 corresponding to the image densities D_1 and D_2. The ratio of light intensities I_1 and I_2 from the two objects is:

$$I_1/I_2 = E_1/E_2$$

Steffan's method of computing visual range includes choosing the horizon sky as one of the objects. This may be denoted by replacing the subscript "2" with "∞". Object 1 at a distance x from the camera produces an image of density D_x. The horizon produces an image of density D_∞. The ratio of light in-

intensities I_x/I_∞ is determined in the manner described above. The visual range, VR, is computed from the formula:

$$VR = Mx/\ln(1-I_x/I_\infty)$$

where M is related to the ability of the eye to detect contrast. It has been found that the "average" eye is capable of detecting contrasts no less than 2 percent. For such an average eye, M has the numerical value of 3.912. A discussion of the equation is included as an appendix.

The above equation for visual range implies that the object is black. In practice the objects are dark, but not black. However, the equations can be modified to account for the non-zero reflectance of the objects. (Appendix, equation #13). Each object was examined from the air to estimate the type and amount of vegetative cover from which an albedo (reflectance) could be determined. Albedoes of 0.15 typically were used during the warmer months of the year when no accumulations of snow existed. Snow accumulations during the winter, however, required additional adjustments to be made in the albedo of each object. The resulting albedo was estimated using the original albedo of the object modified by the relative contribution of the snow. The albedo values used for the original object surfaces and for the additional snow cover were based on the spectial reflectance of snow and various soil types listed in the Handbook of Geophysics and Space Environ-

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ments (Valley, Shea L. 1965). The resultant albedoes during the winter ranged from 0.15 to 0.70. The increase in albedo of the objects during the winter did not significantly alter the calculated visual ranges, however.

D. QUALITY ASSURANCE

Calibration Techniques and Frequency

The calibration of each of the parameters used in the calculations of visual range and the experience gained from previous studies all serve to ensure the reliability of the data.

Parameters used in the calculation of the visual range such as the object distances, for example, were measured by two methods:

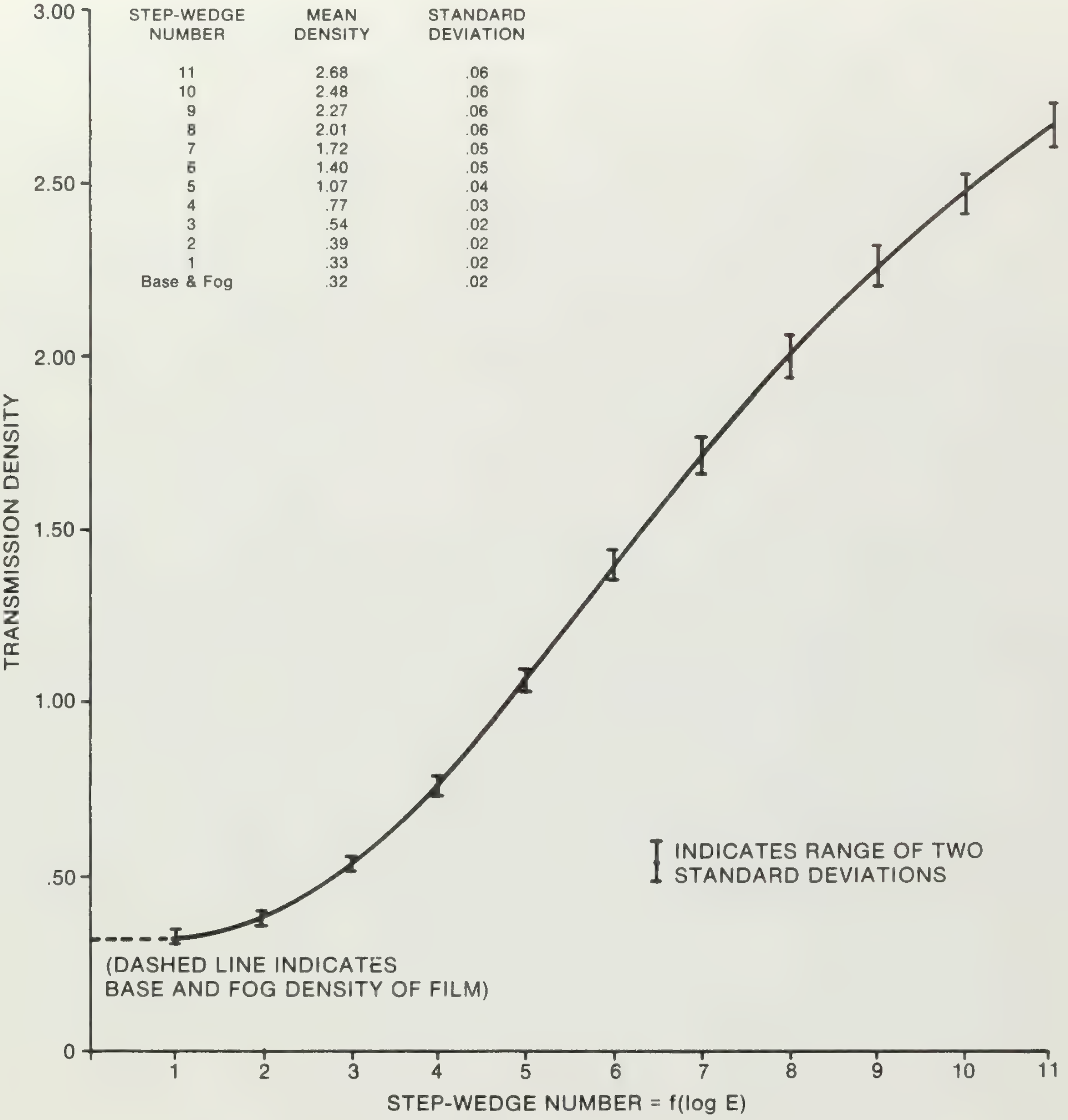
1. Line of sight aircraft flights between the camera site and each object and the identification of each object on a United States Geological Survey (USGS) topographic map.
2. Measurement of the object-to-camera distances on USGS topographic maps.

The two methods used to measure camera-to-object distances generally agreed within five percent, although the distances obtained from the USGS maps always took precedence.

The characteristic curve, which defines the exposure-film density relation, was developed from a sensitometric strip placed on each film roll, as described previously. The sensitometer used to install this strip was factory calibrated, and the light source replaced at the manufacturer's recommended intervals.

The use of this strip also provided a means to monitor the developing process. Processing of the film was closely monitored and the results of the developing technique can be evaluated based on the average characteristic curve and the standard deviations obtained from the 63 rolls of film obtained during the year. The characteristic curve illustrated in Figure 1 represents the average density value obtained from each of the eleven steps found on the sensitometric strip; the vertical bars at each step number represent a range of two standard deviation around the mean density. This curve is shown only to illustrate the constancy of the developing process, however; each film roll had its own curve to define the individual characteristics of that roll.

Measurements of the density values on each film roll were obtained with a densitometer calibrated with a step wedge similar to the sensitometric strip. The densitometer was calibrated before and after reading image densitites from each film roll, but typically required no adjustments. The repeatability of the instrument is approximately ±.01 density units.



STEP-WEDGE NUMBER	MEAN DENSITY	STANDARD DEVIATION
11	2.68	.06
10	2.48	.06
9	2.27	.06
8	2.01	.06
7	1.72	.05
6	1.40	.05
5	1.07	.04
4	.77	.03
3	.54	.02
2	.39	.02
1	.33	.02
Base & Fog	.32	.02

Figure 1

AVERAGE CHARACTERISTIC CURVE
FOR PLUS-X PANCHROMATIC FILM
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

Equipment Reliability

The field and laboratory equipment used in the documentation of visibility required only minor maintenance and repair during the year. Those equipment which required repair were replaced within a week to ensure the continuation of the collection and/or reduction of visibility data. The photographic equipment used in the field required only minor repair during the year. No problems were encountered with the lens; however, failure of the color camera to properly advance the film required its replacement approximately half-way through the study.

Laboratory equipment used in the study were extremely reliable. No problems were encountered with the sensitometer and only one minor problem with the densitometer. During the reduction of data in the Summer Quarter, the densitometer required minor repairs which resulted in no loss of data. These repairs were performed by a authorized MacBeth service center (manufacturer of the instrument) within a 3-day period.

E. DATA PRESENTATION

Reporting Frequency

During the 1975-76 monitoring period, visual range measurements were made during 61 scheduled days of photography and two half-day practice sessions. On several occasions passing snowstorms or rainshowers restricted the photography of the objects; however, of the planned 1732 visual range measurements, 1548 were obtained for an 89 percent recovery. No days occurred in which measurements were not obtained for the views or the site was inaccessible; although on several occasions snowmobiles were required to reach the site.

Reporting of the results obtained during the year-long study was conducted on a quarterly or seasonal basis and discussed means, maximums, minimums, and other statistical descriptors of the visual range. Also discussed was the generalized visibility which described the areal visibility in the Piceance Creek Basin based on visual ranges obtained from all views and hours in each season. This descriptor and others are included in this final report.

Format

The results of the visual range measurements and their statistical analysis are presented in this report as explained below:

d. Annual Basis -

1) Mean - for each view
   - for composite of views
2) Hourly maximum and minimum - for each view
   - for composite of views
3) Five Percentile - for each view
   - for composite of views
4) Standard Deviation - for each view
   - for composite of views
5) Distribution - for each view
   - for composite of views
6) Trends - for each view
   - for composite of views

a. Daily Basis - discussion of visual ranges obtained per day
   1) Mean - for composite of views
   2) Hourly maximum and minimum - for composite of views
   3) Trends - discussion of variations in mean visual range - for each view

b. Monthly Basis - discussion of visual ranges obtained per month
   1) Mean - for composite of views
   2) Hourly maximum and minimum - for composite of views
   3) Distribution - for composite of views

c. Seasonal Basis - discussion of visual ranges obtained during the season
   1) Mean - for each view
      - for composite of views
   2) Hourly maximum and minimum - for each view
      - for composite of views
   3) Five percentile: 95 percent of observations exceeded this value - for each view
      - for composite of views
   4) Standard Deviation - measure of the dispersion of a normal frequency distribution - for each view
      - for composite of views

III. RESULTS AND CONCLUSIONS

A. EVALUATION OF VISUAL RANGE ON A DAILY BASIS

The computation of a daily mean visual range provides an indication of the prevailing visibility and conditions found in an area during the course of a day, unbiased by short-term or directional anomalies. Daily mean visual ranges in the Piceance Creek Basin area were calculated for each day of monitoring based on 28 measurements from four views over a seven-hour period. The results of these calculations are presented in Table 1. All original data including negatives and field notes are maintained in the Phoenix office and will be available upon request.

Daily mean visual ranges during the year-long study were generally high; ninety-five percent of the daily means were greater than 42 miles; fifty percent exceeded 76 miles. Daily means in excess of 100 miles were common, accounting for approximately one out of six days. The maximum daily mean visual range recorded was 130 miles on November 14, 1975; remarks by the technician in the Site Log indicate that it was "a beautiful, clear, sunny day (with) no haze (and) all views clear, best I've ever seen." This contrasts with the minimum daily mean visual range of 32 miles recorded on December 14, 1975.

The mean visual range in any given direction was not constant from day to day but exhibited fluctuations of an interesting nature. To better illustrate these fluctuations, the daily mean visual range is plotted in Figure 2 vs. the date. Fluctuation

TABLE 1

DAILY MEAN VISUAL RANGES
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER 1975-SEPTEMBER 1976

DATE	MEAN VISUAL RANGE (miles)	HOURLY MIN/MAX	DATE	MEAN VISUAL RANGE (miles)	HOURLY MIN/MAX
September 25, 1975*	103	79/131	April 1	101	66/138
26*	87	69/119	7	45	18/72
27	59	42/77	13	48	16/58
October 3	93	68/114	19	56	14/109
9	116	84/144	25	72	45/106
15	66	44/93	May 1	75	57/124
21	99	78/117	7	56	30/82
27	63	42/98	13	76	57/101
November 2	106	82/130	19	58	27/75
8	66	24/92	25	65	33/89
14	130	106/140	31	88	61/112
20	80	44/144	June 6	59	45/74
26	95	44/128	12	84	61/101
December 2	98	69/145	18	68	50/113
8	88	45/139	24	81	64/117
14**	32	17/60	30	62	46/84
20	109	81/147	July 6	71	57/99
27	53	28/88	12	61	45/80
January 2, 1976	44	27/64	18	62	45/96
8	66	28/104	24	92	74/120
14	102	47/64	30	68	55/95
20	91	46/134	August 5	96	72/125
26	57	39/72	11	98	72/138
February 1	105	46/149	17	94	60/128
7	46	25/65	23	69	45/94
13	85	59/125	29	109	91/138
19	102	64/143	September 4	84	70/111
25	79	46/118	10	86	61/113
March 2	37**	27/55	16	64	46/84
8	61	45/89	22	54	35/88
14	65	38/93			
20	85	57/116			
26	75	46/102			

*Half-day practice sessions
**Based on two hours of data

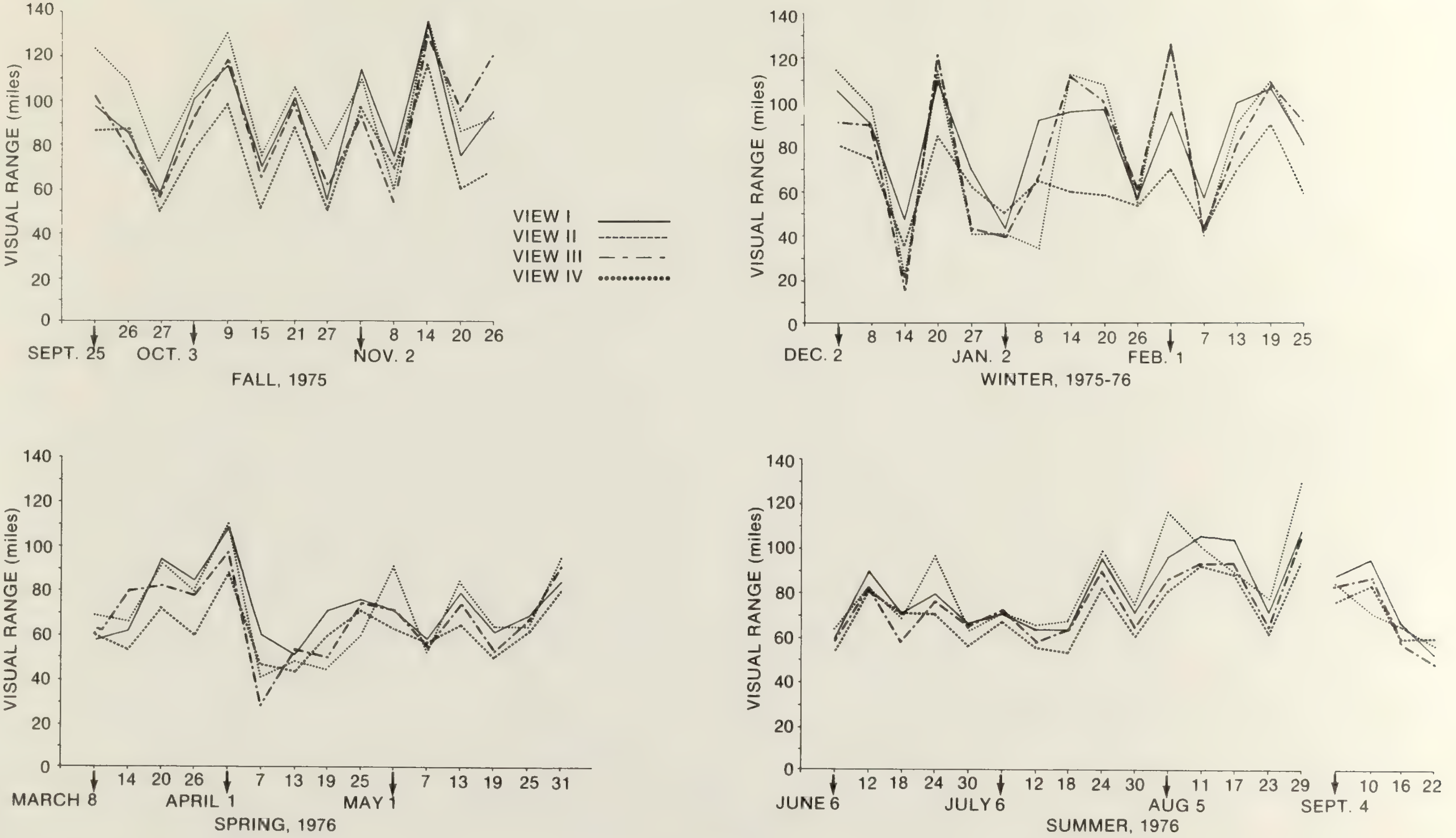


Figure 2

VARIATION IN DAILY MEAN VISUAL RANGE FOR EACH VIEW
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

DAMES & MOORE

of daily mean values of visual range in the three views showed a close correlation. Variations toward higher or lower values in one view generally were accompanied by similar excursions in the other views.

The close correlation between fluctuations in daily mean visual range among views implies that the influences on visibility were widespread and generally uniform in the way in which they affected visibility.

Examples of visibility conditions encountered in the Piceance Creek Basin area are visually described in Plate 4 by color and black & white (B&W) photographs which depict the visual range during four general conditions: restricted, low, medium, and high visibility. Photographs from View I are used in Plate 4 to illustrate these various conditions. (Any of the other views could have been used as well). Each set of photographs in Plate 4 were taken concurrently; the color photographs record the sky conditions and major restrictions to visibility; the B&W photographs provide data for analysis. The approximate area represented by the B&W photographs in the color photographs is outlined in black.

Restricted Conditions

Under restricted conditions, the photographic objects are not visible. Under these circumstances visual range calcula-

RESTRICTED

VISUAL RANGE = NO MEASUREMENT

DAILY MEAN VR = 32 Miles

LOW

VISUAL RANGE = 45 Miles

DAILY MEAN VR = 59 Miles

MEDIUM

VISUAL RANGE = 71 Miles

DAILY MEAN VR = 68 Miles

HIGH

VISUAL RANGE = 109 Miles

DAILY MEAN VR = 108 Miles

VISIBILITY CONDITIONS ENCOUNTERED IN THE PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

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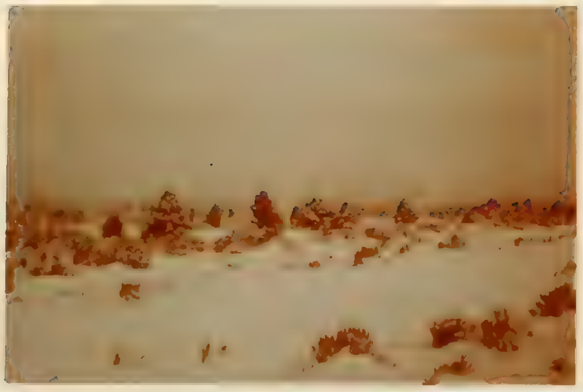

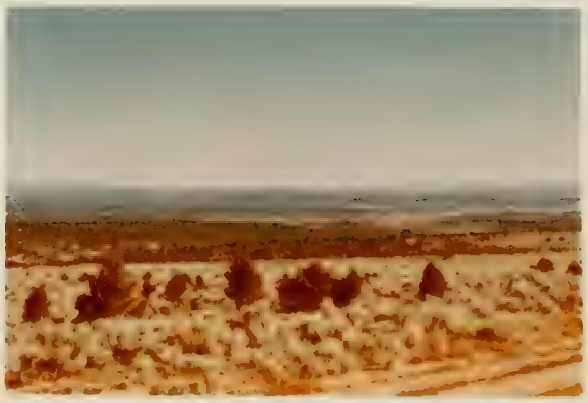

tions cannot be made, although a daily mean can be obtained if the objects become visible at a later hour.

The first color photograph in Plate 4 was taken at 0830 MST, December 14, 1975 during a snowstorm which lasted until early afternoon. All views were obscured by the snow and remarks in the Site Log indicate the severity of the storm:

> "It's a real December snowstorm here. Roads (are) bad all the way from Rifle... Can't see anything over 1/2 mile away. Heater, in our shelter, will just barely keep it warm with it turned up as high as it will go. Snow comes inside all around bottom of door."

The snowstorm lasted until early afternoon, limiting visibility to less than an estimated one mile. No visual range measurements could be made during these conditions; however, by 1300 MST the storm had subsided and conditions began to improve. By 1400 MST the snow stopped and the sun appeared, allowing B&W photographs to be taken for the first time that day. During the last hour of photography, photographs were taken of all the views. The daily mean visual range for this day, based on two hours of data (1400 and 1500 MST), was 32 miles.

Major areal restrictions to visibility such as the above, which obscured all objects for extended periods of time, were not common. Instances of isolated restrictions were more frequent.

Scattered snowshowers during the winter and spring, and rainshowers during the summer and fall frequently obscured one or more of the objects in the views for short periods of time; during such instances, no visual range measurements could be made. No attempts were made, however, to subjectively estimate the visual range for inclusion into the statistical summary for that period.

Low Visibility

Minor restrictions to visibility, such as haze and smoke, which occasionally required the use of a nearer object to determine the visual range, were often observed. Reports of haze in the Site Log usually indicated that it occurred more frequently during the early morning hours in Views I and II, although the remaining views were not exempt from its presence. Haze never restricted visibility to the extent that no measurements could be made of a near object for data collection. Hourly comments recorded in the Site Log by the photographers provided additional information on the visibility conditions found during the photographic day. This information along with the individual hourly values will be available upon request.

The effect of haze on the contrast and clarity of the objects in the Piceance Creek Basin area is illustrated in Plate 4 by the second set of photographs. These photographs were taken September 27, 1975 at 0830 MST and represent a visual range of

45 miles. Remarks in the Site Log describe the day as sunny and clear, with calm winds and heavy haze in the western objects which obscured the second object in each of the two western views (Views I and II). As the day progressed a light breeze began and by 1130 MST all the objects were visible. By 1400 MST, the wind was strong and gusty with very little haze remaining in the views; the daily mean visual range was 59 miles.

Medium Visibility

Daily mean visual ranges in the Piceance Creek Basin area most frequently occurred between 60 and 70 miles during the year long study. The third set of photographs in Plate 4, taken July 30, 1976 at 0830 MST, represent visibility conditions present in the early morning of a day with a mean visual range of 68 miles; the visual range illustrated is 71 miles.

Remarks in the Site Log indicate that this day was characterized by early morning haze, increasing cloudiness in the afternoon and a few scattered showers at 1400 and 1500 MST. During the first hour of photography, the horizon was reported in the Site Log to have "a brownish tint to it, more like smog than haze." This brownish tint is not readily apparent in the color photograph, although the clarity of the three ridges on the horizon is certainly less in this set of photographs than in the last set taken at the same time on a day of very high visibility. The change in contrast of the objects and horizon sky in the B&W photographs is also readily apparent.

High Visibility

The visual range shown in the last set of photographs in Plate 4 is 109 miles and was recorded August 29, 1976 at 0830 MST. The day began clear and sunny with light haze reported in the views, although the skyline was reported in the Site Log to be "brownish" at 1030 and 1130 MST; the daily mean visual range was 108 miles.

The visual range illustrated in the last set of photographs does not represent the maximum value obtained during the study; however, it does illustrate the clarity and visibility conditions which can be expected to occur in the Piceance Creek Basin area more frequently than does the maximum value. The maximum daily mean visual range recorded in the Piceance Creek Basin was 130 miles on November 14, 1976. Daily mean visual ranges in excess of 100 miles and similar to that illustrated in Plate 4 occurred approximately 16 percent of the time.

B. EVALUATION OF VISUAL RANGE ON A MONTHLY BASIS

Monthly mean visual ranges were calculated from measurements obtained from all the views and hours. The monthly mean visual ranges obtained in the Piceance Creek Basin area are listed in Table 2.

TABLE 2

MONTHLY COMPOSITE VISUAL RANGE SUMMARY
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER 1975-SEPTEMBER 1976
(Miles)

MONTH	MEAN[c]	HOURLY MAXIMUM	HOURLY MINIMUM	STANDARD DEVIATION
September 75[a]	77	131	42	24.0
October	89	144	44	24.6
November	99	149	24	29.0
December	86	147	17	31.1
January 76	72	137	27	29.2
February	84	149	25	28.2
March	70	116	27	19.2
April	67	138	14	27.7
May	70	124	27	16.7
June	71	117	45	14.8
July	72	120	45	15.9
August	94	147	45	20.1
September[b]	74	113	35	17.9

a Based on one scheduled day of photography and two half-day practice sessions.
b Based on four scheduled days of photography
c Monthly means are based on approximately five days of photography per month.

Monthly mean values occurred most frequently near 70 miles, although mean visual ranges in excess of 90 miles occurred. Of the thirteen monthly mean values obtained (September, included twice), seven occurred between 67 and 74 miles; the remaining months averaged between 77 and 99 miles.

Monthly mean visual ranges during 1975 exhibited large fluctuations, exhibiting a 22 mile variation in a three month period. With the exception of February and August, visual ranges in 1976 averaged near 70 miles each month; February and August had monthly means of 84 and 94 miles, respectively.

Individual hourly maximum and minimum visual range measurements obtained in each month area also listed in Table 2. Maximum visual range measurements varied from 113 miles in September, 1975 to 149 miles in November, 1975 and February, 1976. Generally, those months with high monthly mean visual ranges had the highest individual maximum values; those months with low monthly means had the lower individual maximums.

Individual minimum visual ranges did not reflect the trend shown with the maximum values. Minimum visual ranges during the year appeared independent of the monthly mean values.

The monthly composite distributions of visual range are illustrated in Figure 3. Generally, those months with the highest monthly mean visual range also have the widest distribution of values.

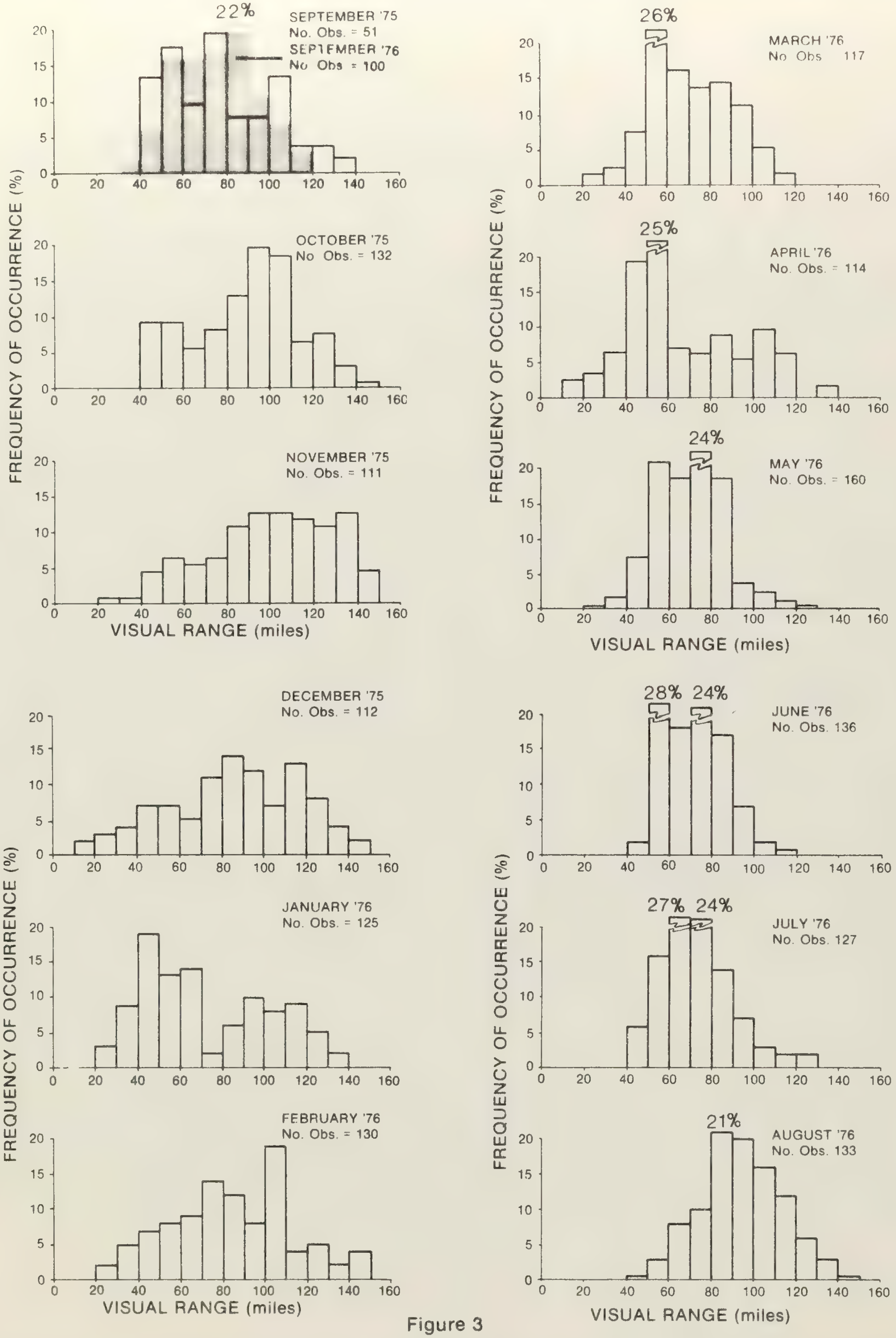

Figure 3

MONTHLY COMPOSITE DISTRIBUTION OF VISUAL RANGE
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

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C. EVALUATION OF VISUAL RANGE ON A SEASONAL BASIS

Visual range measurements were made every week during the year-long study. Reports of the results were submitted on a quarterly or seasonal basis. Discussions of visual range in each of the four quarterly reports dealt with the pertinent statistical parameters used to quantify and characterize the visibility of the area. Discussions in this section of the final report will deal with a comparison of the visibilities encountered during the four seasons. Visual range measurements made in September 1976 are not included in this section because data for the fall season were collected in 1975. Visual ranges obtained in September, 1976 are included, however, in subsequent sections of this report.

Seasonally, visual ranges obtained in the Piceance Creek Basin area averaged highest during the Fall of 1975, lowest during the Spring of 1976 and nearly equal in the Winter of 1975-76 and the Summer of 1976. The mean visual range (generalized visibility) and additional statistical descriptions are listed in Table 3 for each season.

Visual ranges obtained during the Fall were generally quite high; 50 percent of the measurements were greater than 93 miles; 95 percent exceeded 45 miles. The generalized visibility for this period was 91 miles, the highest recorded of the seasons.

TABLE 3

SEASONAL COMPOSITE VISUAL RANGE SUMMARY
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER 1975-SEPTEMBER 1976
(Miles)

SEASON	MEAN	HOURLY MAXIMUM	HOURLY MINIMUM	5 PERCENTILE*	STANDARD DEVIATION
Fall	91	149	24	45	27.3
Winter	80	149	17	33	30.0
Spring	69	138	14	39	21.1
Summer	79	147	45	51	20.0

*5 percent of the observations gave a visual range less than the indicated value

Visual ranges during the Winter were also high, but the distribution, shown in Figure 4, exhibited near uniform character over a wide range of values. During the Winter the frequency of occurrence of visual ranges in excess of 100 miles dropped 10 percent from the Fall and had less than a 3 percent variation from uniformity in the frequency of occurrence between 40 and 110 miles. Visual ranges during this season averaged 80 miles; 50 percent occurred above 81 miles.

The increase in the percentage of low visual ranges exhibited during the Winter was also seen during the Spring. Visual range measurements in excess of 100 miles dropped to 9 percent and nearly one-fourth of all the observations made during this season fell within the 50 to 60 mile range. The generalized visibility for this season, the lowest of the four seasons, was 69 miles.

Visual ranges obtained during the Summer increased from the Spring values and averaged near the Winter mean value. The distribution of visual range during the Summer exhibited the narrowest range of the four seasons. The generalized visibility during the Summer was 79 miles; 50 percent of the observations occurred above 77 miles.

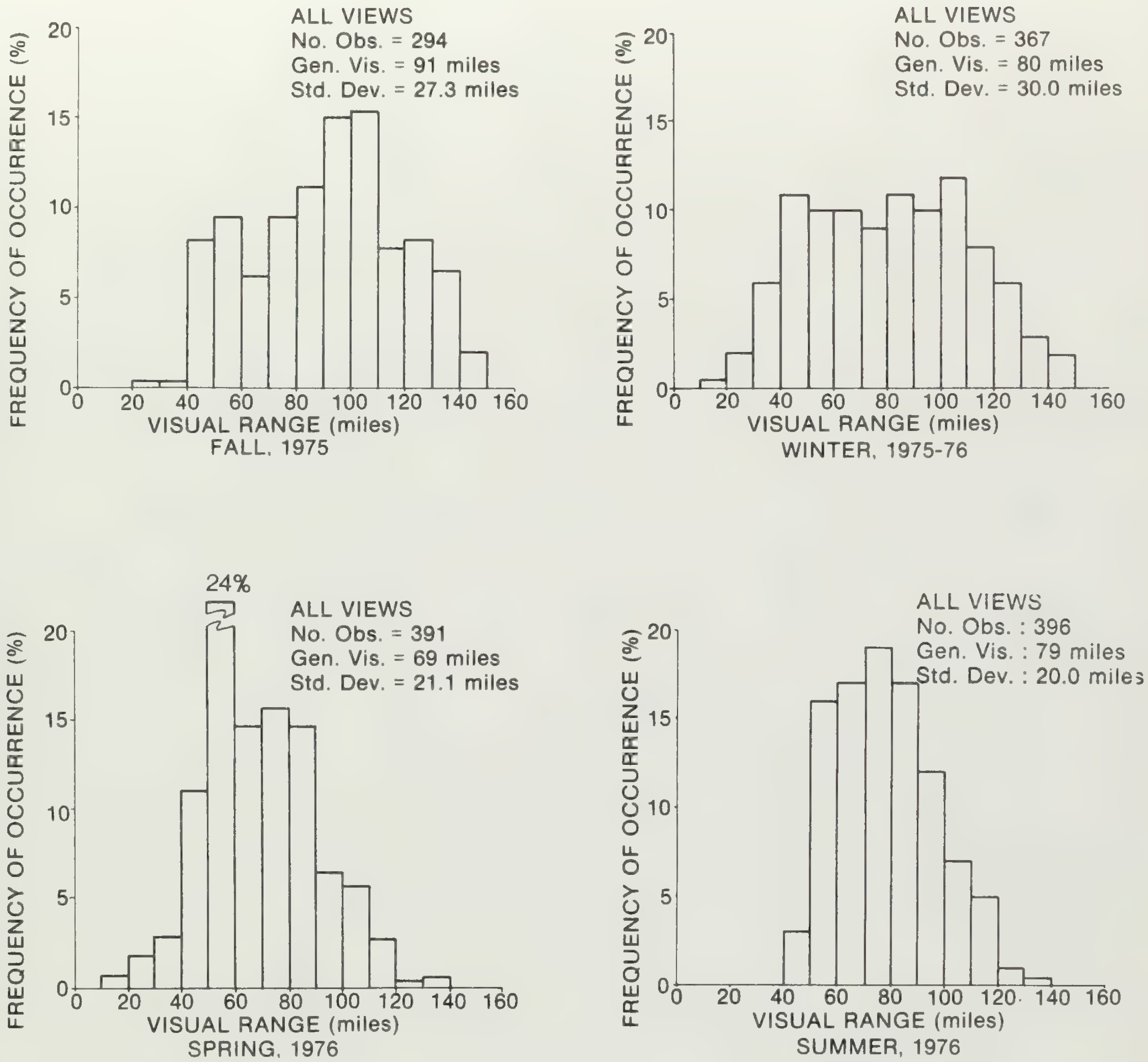

Figure 4

SEASONAL COMPOSITE VISUAL RANGE DISTRIBUTION
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

The change in the generalized visibility seen during the seasons was also apparent in the mean visual range of the four views. The decrease in the mean visual range from the Fall through Spring and the recovery exhibited during the Summer also occurred in all views; during no season did the mean visual range in an individual view vary from the general trend. The magnitude of changes varied, but not the direction. A summary of the mean visual ranges obtained in each view during the seasons is presented in Table 4 and illustrated in Figure 5.

Another pattern which appeared during the year was the ordering of the magnitude of the mean visual range among the views. In every season the lowest and second lowest mean visual range occurred in Views II and III, respectively. The highest mean occurred in either in View I or IV; depending on the season. The recurring low mean visual range observed in Views II and III may be due to the trapping of suspended particulates in the Piceance Creek Basin along View II and the influence from a center of population near View III.

To investigate any hourly trend in visual range which might exist, mean hourly visual ranges were computed for each view and for the composite of views as shown in Figure 6. The separation of Views I and II from Views III and IV in Figure 6 facilitates comparison of the individual trends.

Hourly mean visual ranges in Views III and IV exhibited a general decrease during the day while the hourly means in Views I and II either fluctuated narrowly or increased. The largest

TABLE 4

SEASONAL COMPOSITE VISUAL RANGE SUMMARY (MILES)
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER 1975-SEPTEMBER 1976

	VIEW	MEAN	HOURLY MAXIMUM	HOURLY MINIMUM	5 PERCENTILE*	STANDARD DEVIATION
FALL	I	93	149	37	49	27.8
	II	77	142	42	43	23.6
	III	92	146	24	46	27.4
	IV	101	148	48	52	25.8
WINTER	I	87	143	31	41	23.9
	II	66	115	31	41	19.2
	III	83	149	17	30	34.1
	IV	86	147	22	26	35.4
SPRING	I	74	118	39	50	18.9
	II	63	113	32	40	16.5
	III	67	118	14	25	22.3
	IV	73	138	27	38	24.5
SUMMER	I	82	138	57	52	20.0
	II	72	128	45	46	16.6
	III	76	117	49	51	17.2
	IV	85	147	50	61	23.3

*5 percentile is that value above which occur 95% of the values

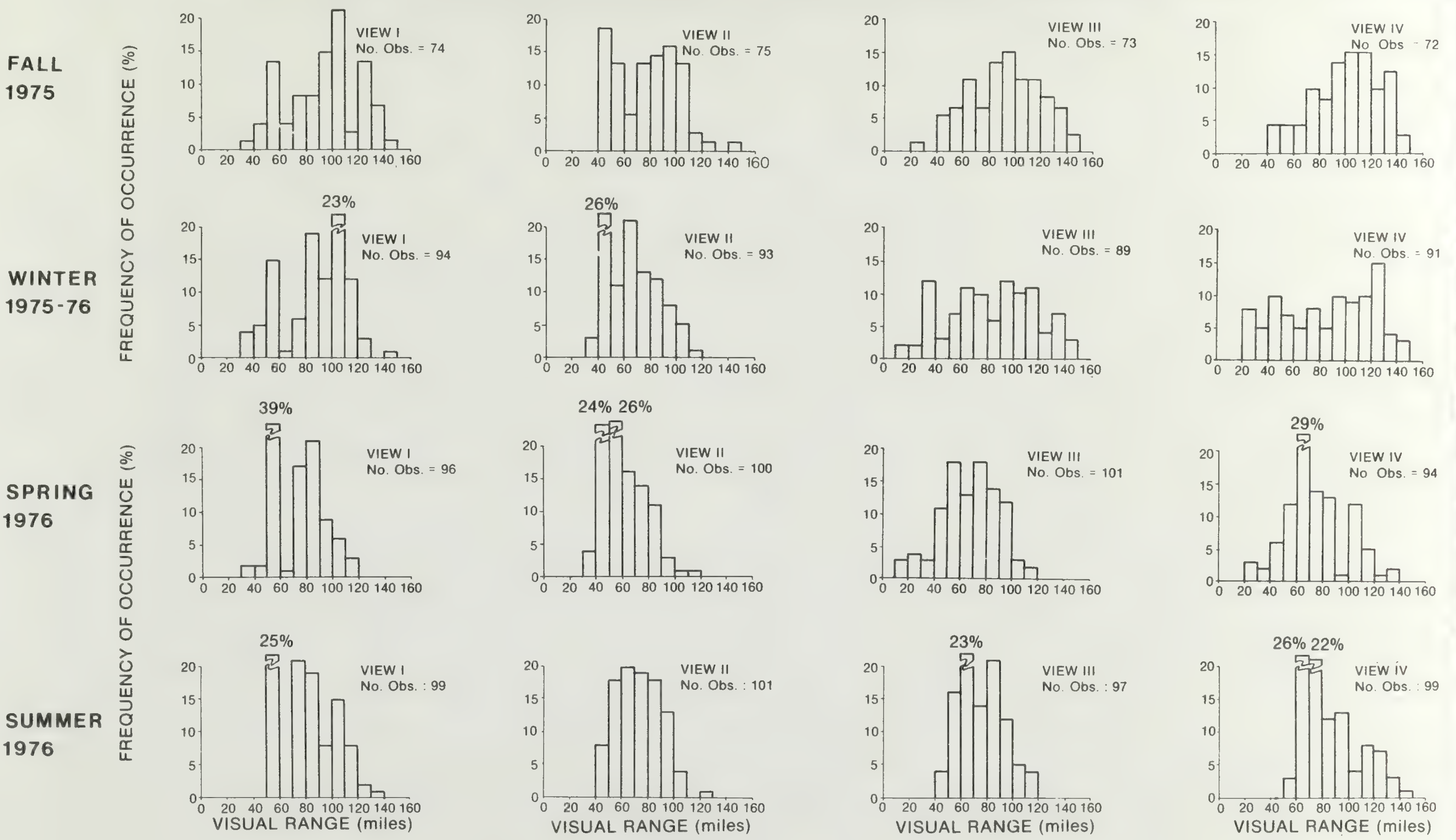

Figure 5

SEASONAL DISTRIBUTION OF VISUAL RANGE IN EACH VIEW
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

DAMES & MOORE

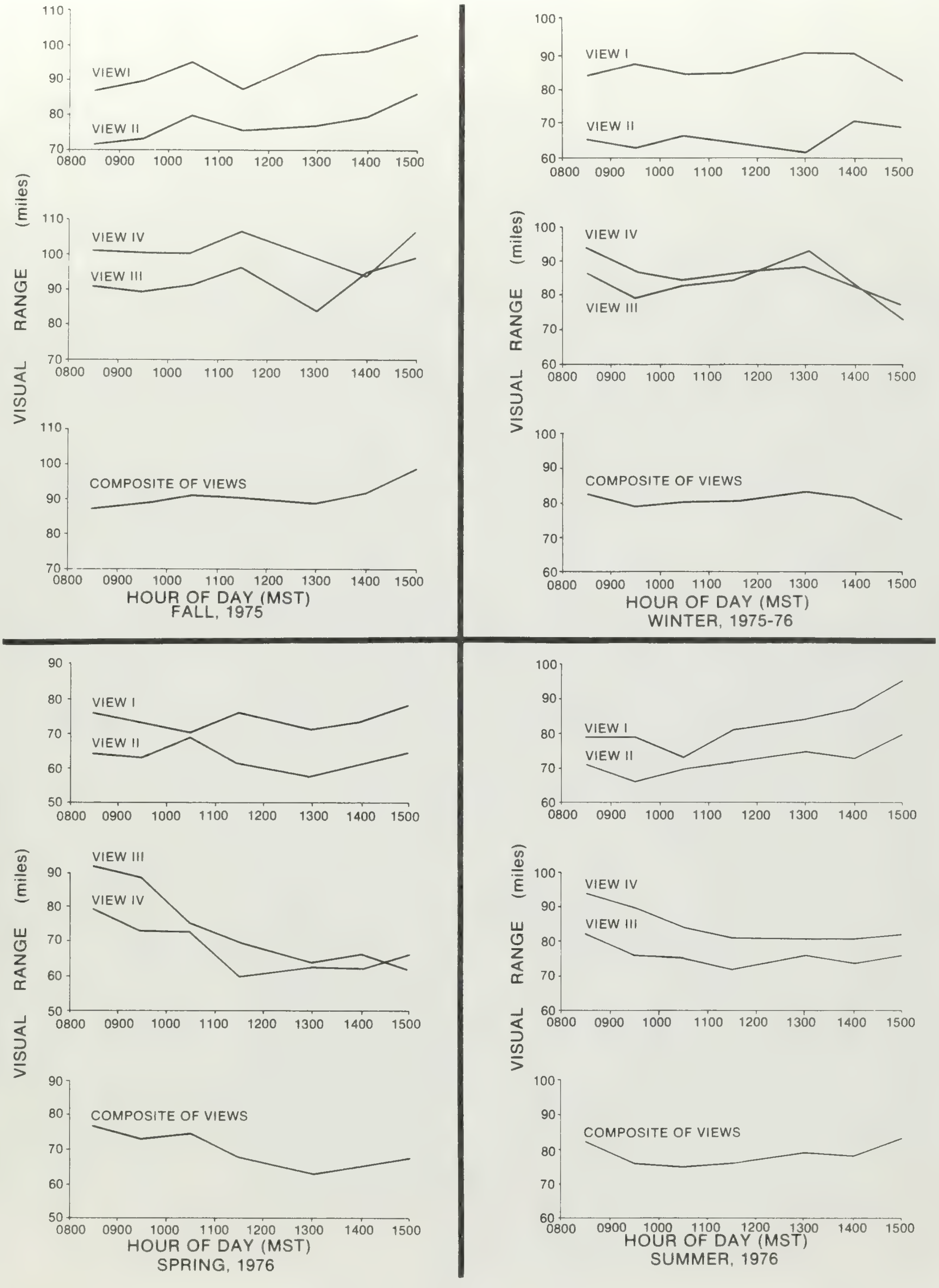

Figure 6

SEASONAL VARIATION IN THE MEAN HOURLY VISUAL RANGE
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

DAMES & MOORE

variations in the hourly means generally occurred in Views III and IV, the most pronounced of which occurred during the Spring.

To illustrate the clarity and change in contrast of the objects as the visual range changed during the day, color and black and white photographs taken in View I on May 1, 1976 are shown in Plate 5. Remarks in the Site Log describe the day as "real nice", characterized by moderate haze in the morning but clearing as the wind increased as the day progressed. A synopsis of the day as described in the Site Log and the visual range obtained each hour follows:

0830: (illustrated)
VR = 58 miles
Haze in Views I, II and III
Clear skies, very little wind

0930:
VR = 58 miles
Haze in all views, more haze to the west
Clear, no wind

1030:
VR = 58 miles
Haze, more in View I
Clear, light breeze

1130: (illustrated)
VR = 72 miles
Light Haze
Clear, wind has increased

1300:
VR = 84 miles
Very light haze
Clear, no wind

1400:
VR = 84 miles
Very light haze
Clear, no wind

1500: (illustrated)
VR = 95 miles
Very little haze
A few widely scattered clouds, slight breeze

0830 MST
VR = 58 Mi.

0930 MST
VR = 58 Mi.
1030 MST
VR = 58 Mi.
(NOT ILL.)

1130 MST
VR = 72 Mi.

1300 MST
VR = 84 Mi.
1400 MST
VR = 84 Mi.
(NOT ILL.)

1500 MST
VR = 95 Mi

HOURLY VARIATIONS IN VISUAL RANGE
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

DAMES & MOORE

Plate 5

0830 MST
VR = 58 Mi.

0930 MST
VR = 58 Mi.
1030 MST
VR = 58 Mi.
(NOT ILL)

1130 MST
VR = 72 Mi.

1300 MST
VR = 84 Mi.
1400 MST
VR = 84 Mi.
(NOT ILL)

1500 MST
VR = 95 Mi

HOURLY VARIATIONS IN VISUAL RANGE
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

D. EVALUATION OF VISUAL RANGE ON AN ANNUAL BASIS

Visual range measurements made during the year-long study were generally high; 95 percent of the values exceeded 41 miles; 50 percent exceeded 78 miles. The range of values obtained was also quite high; visual range varied from less than 20 miles to near 150 miles. The distribution of these values is presented in Figure 7. The generalized visibility in the Piceance Creek Basin area during the September 1975 to September 1976 period was 79 miles.

Hourly maximum visual ranges obtained during the year varied little among the views. Maximum values from 142 miles in View II to 149 miles in Views I and III were recorded. Hourly minimum visual ranges varied only slightly more than the maximum values, ranging from 14 miles in View III to 31 miles in View I.

A summary of visual ranges obtained during the 1975-76 monitoring period is presented in Table 5 for each view and for the composite of the views. Variation in the mean visual range of the four views presented in Table 5 illustrated in Figure 8 reflects the seasonal trends.

The distribution found for View I is unusual. The largest percentage of visual range obtained in View I occurred between 50 and 60 miles, yet a very small percentage occurred in the next interval, 60-70 miles. Distributions in View I similar to this were found in every season.

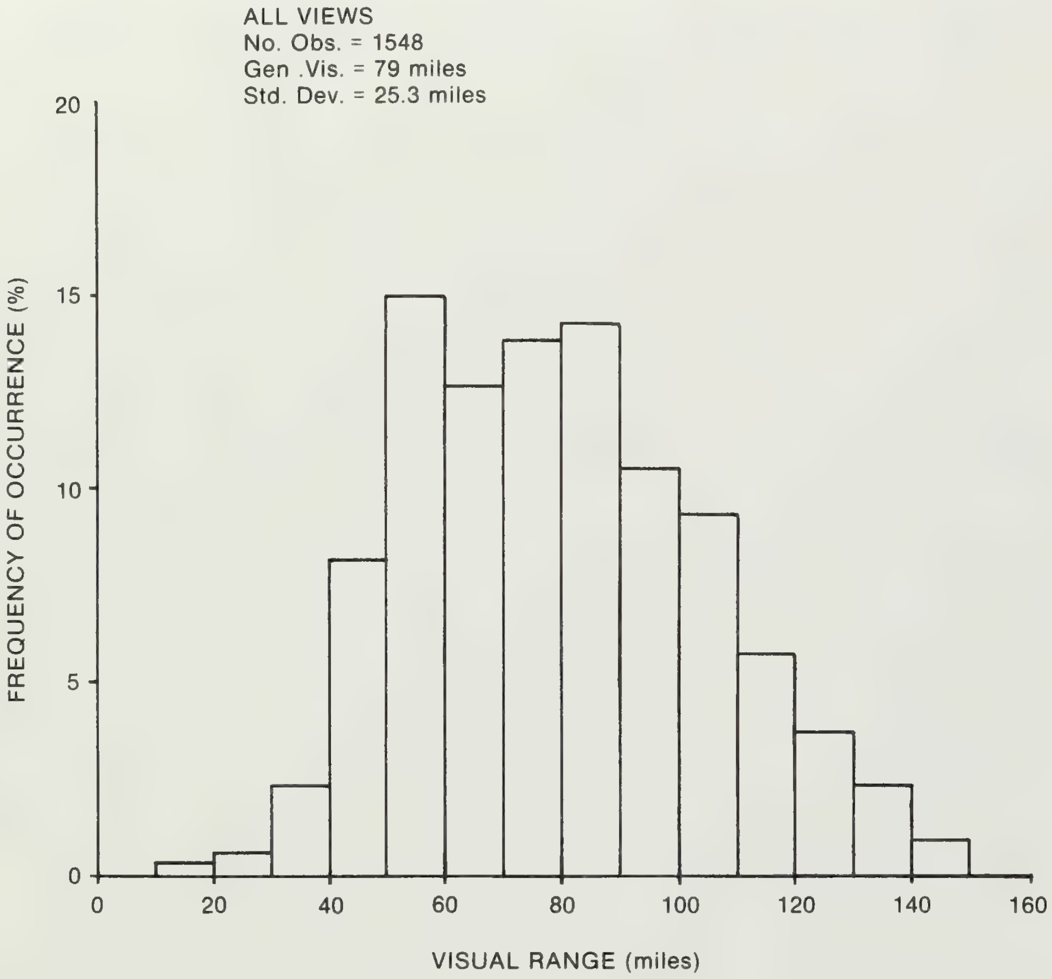

Figure 7

ANNUAL COMPOSITE VISUAL RANGE DISTRIBUTION
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

TABLE 5

ANNUAL VISUAL RANGE SUMMARY (MILES)
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER 1975-SEPTEMBER 1976

VIEW	MEAN	HOURLY MAXIMUM	HOURLY MINIMUM	5 PERCENTILE	STANDARD DEVIATION
I	83	149	31	50	23.0
II	69	142	31	42	19.2
III	78	149	14	35	26.6
IV	85	148	22	41	28.8
Composite	79	149	14	41	25.3

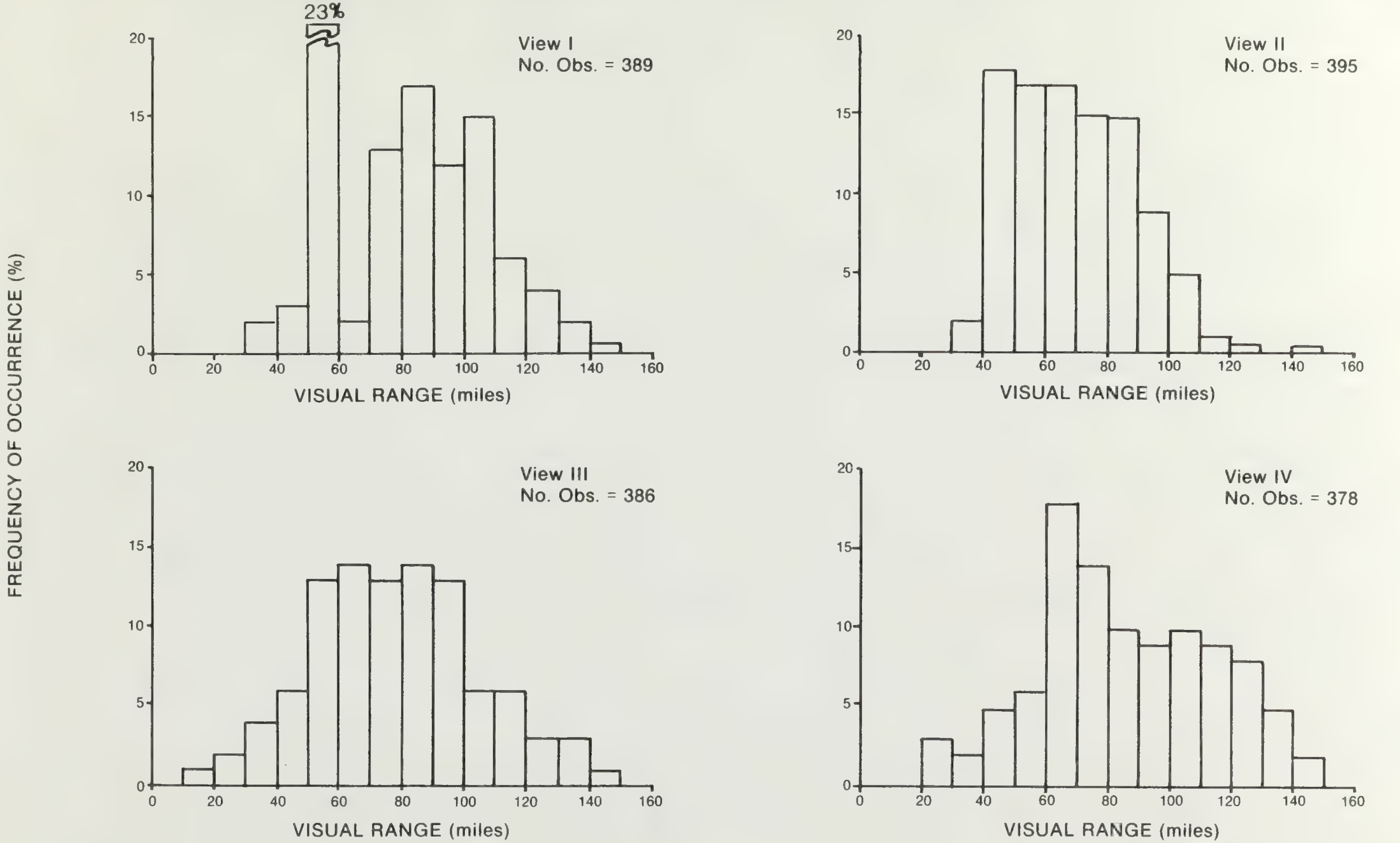

Figure 8

DISTRIBUTION OF VISUAL RANGE IN EACH VIEW
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

To investigate any hourly trend in visual range which might exist, mean hourly visual ranges for each view and for all views combined are presented in Figure 9 for each hour of photography. The separation of Views I and II from Views III and IV in Figure 9 have been performed only to facilitate comparison of the individual trends.

The mean hourly visual ranges shown in Figure 9 reflect, as have other figures depicting annual statistics, general trends seen in each of the four monitoring seasons. As discussed in the seasonal analysis of visual range the general trend in the mean hourly visual range in Views I and II was a net increase in the mean visual range during the day. In Views III and IV, the decline in the mean hourly visual range generally seen each season was readily apparent in the annual variation. The composite of the four views is also illustrated in Figure 9. On an "average" day, the mean hourly visual range decreases slightly until early afternoon, then increases to near the early morning level by mid-afternoon.

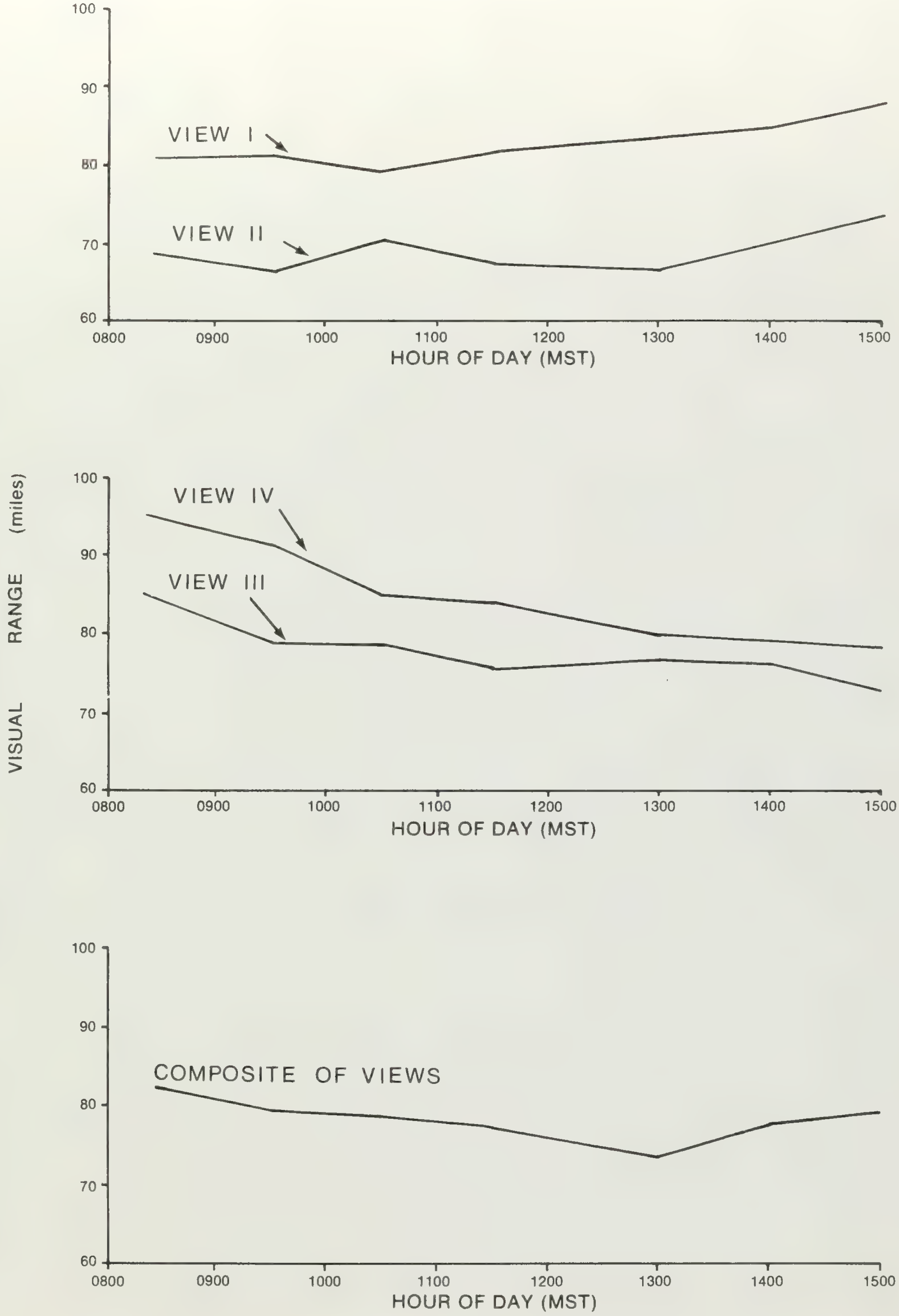

Figure 9

VARIATION IN THE MEAN HOURLY VISUAL RANGE
PICEANCE CREEK BASIN, COLORADO
SEPTEMBER, 1975 - SEPTEMBER, 1976

DAMES & MOORE

E. SUMMARY

Visual range measurements were made by photographic photometry every sixth day from September, 1975 to September, 1976. Of a planned 1732 measurements, 1548 were obtained for and 89 percent recovery. No major problems were encountered during this study, either with equipment or personnel. In the event this program continues into the future, few changes either in procedures or location of the data acquisition will be requested.

Visual ranges obtained during this period were generally high; 95 percent of the measurements exceeded 41 miles; 50 percent exceeded 78 miles. Seasonally, visual ranges averaged highest during the Fall of 1975, lowest during the Spring of 1976 and nearly equal during the Winter of 1975-76 and Summer of 1976. Daily mean visual ranges exhibited large fluctuations, especially during the Fall and Winter; variations of 30 to 40 miles were common.

Directional variations in the visibility were detected in every season. The largest variation from the overall mean (generalized visibility) occurred in View II, which lies along the Piceance Creek Basin. The mean visual range in this view was the lowest during each season. The generalized visibility (mean visual range) during the year-long study was 79 miles.

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APPENDIX

APPENDIX

A.1 THEORY OF VISUAL RANGE

A phenomenological theory of vision in the atmosphere is presented here. The treatment is phenomenological in that the physics of light transmission through a material medium is assumed to be contained entirely in two bulk properties: extinction coefficient and reflectance.

Consider a plane object of known reflectance A_o placed at a distance x from the observer and under a uniformly illuminated sky. The intensity of light, I_o, reflected by the body is:

$$I_o = A_o I_i$$

where I_i is the light incident on the surface of the body. Let I_x denote the total intensity of light reflected toward the observer from the direction of the body a distance x meters away. The intensity I will consist of I_o modified by a scattering factor plus the so-called air light. Air light is light reaching the observer from all other points in the atmosphere via multiple scattering into the light path between object and observer. If the observer were to approach the object, then I_x would approach I_o.

Under the above assumptions it may further be supposed that light is scattered out of the light path on a net basis proportional to the amount of light present at each point of the path. The constant of proportionality is called the coefficient of extinction. It may then be shown that

$$(I_x - I_\infty) = (I_o - I_\infty) \exp(-kx) \qquad (1)$$

where I_∞ is the limit of I_x as x approaches infinity and k is the coefficient of extinction.

The extinction coefficient depends on the concentration and size of various particles suspended in the atmosphere.

In practice, I_∞ is taken to be the intensity of the background horizon next to the object. A black object is one for which I_o vanishes. Thus, if the contrast between a black object, at a known distance x, and the adjacent horizon can be measured, k can be determined. Although any object of known I_o can be used, black objects are most useful since, for them, I_o vanishes.

The visual range is connected to the scattering coefficient by recognizing a limitation of the human eye. The eye, or any detector, is not capable of distinguishing relative light intensities below a certain limiting value called the contrast threshold. Given two light intensities I_1 and I_2 ($I_1 < I_2$), there exists a number ε such that if

$$1 - \frac{I_1}{I_2} < \varepsilon \quad \ldots\ldots (2)$$

the eye is incapable of distinguishing between the two intensities.

Thus, if the object is moved toward the horizon (away from the observer) it will eventually arrive at a point v such that

$$1 - \frac{I_v}{I_\infty} = \varepsilon \quad \ldots\ldots (3)$$

Beyond that point the object is no longer visible to the eye. Using (3) in (1), one obtains

$$\varepsilon = (1 - I_o/I_\infty)\ \exp\ (-kv)$$

or

$$vk = \ln \frac{1}{\varepsilon}\ (1 - I_o/I_\infty) \ldots\ldots (4)$$

A value for k can be obtained by measuring the contrast between the object and the horizon. From equation (1)

$$kx = \ln\left[\frac{1 - I_o/I_\infty}{1 - I_x/I_\infty}\right] \ldots\ldots (5)$$

Consequently, combining (4) and (5)

$$v = x \frac{\ln \frac{1}{\varepsilon} (1 - I_o/I_\infty)}{\ln (1 - I_o/I_\infty) - \ln (1 - I_x/I_\infty)} \quad \ldots\ldots\ldots\ldots\ldots (6)$$

The distance v is what has been termed the visual range, denoted by VR in this report.

If the object is black, $I_o = 0$, then (6) takes on a more simple form:

$$VR = \frac{x \ln \varepsilon}{\ln (1 - I_x/I_\infty)} \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots (7)$$

Fortunately it is not necessary to employ truly black objects. For many objects the reflectance is such that I_o/I_∞ is very small. Objects which fit into this category are foliage, open windows and other objects which are dark. By an argument not reproduced here (Steffans, 1949), it may be deduced that

$$I_o/I_\infty = A_o/2, \text{ (i.e., } I_i = 0.5\ I_\infty) \quad \ldots\ldots\ldots\ldots\ldots\ldots (8)$$

For example, consider dry rough earth which has a reflectance of approximately 0.25. The error in visual range caused by assuming $I_o = 0$ is approximately 10 percent, based on the difference in visual ranges obtained assuming no reflectance and a reflectance of 0.25.

The selection of reflectance values was made according to the discussion on pages 12 and 13 of the text.

A.2 PHOTOMETRY

In the linear portion of the characteristic curve, that portion of the curve in which the image densities fell during this study, (Figure 1 in text) the images on a photographic negative have relative densities D which may be expressed by

$$D = g + \gamma \ln E \quad \text{.......................................}(9)$$

where E is the exposure and g and γ are constants relative to a given film. The constant g is irrelevant, and γ can be obtained by sensitometry. Once γ and the necessary relative densities are known, the relative intensities may be calculated. For example, consider two images 1 and 2 on a negative of known γ. Then

$$D_1 - D_2 = \gamma \ln (I_1/I_2)$$

or

$$I_1/I_2 = \exp [(D_1 - D_2)/\gamma] \quad \text{..........................}(10)$$

In applying (10) to the calculation of visual range, I_1 is associated with the image density of the object, and I_2 is associated with the image density of the horizon.

If the image densities do not fall in the linear portion of the curve, I_1/I_2 can be obtained as explained in page 11 of the text. In this invesitgation, all densities lay in the linear portion of the curve.

In equation (10) let D_1 and D_2 be associated with D_x and D_∞, respectively. Then

$$k = \frac{\ln \left[\frac{1}{\Theta} (1 - I_o/I_\infty)\right]}{x} \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots \quad (11)$$

where

$$\Theta = 1 - \exp \left[(D_x - D_\infty)/\gamma\right].$$

Thus, it is easily possible for the system consisting of camera, film and densitometer to penetrate haze to a greater extent than the eye. The instrumental system does not lead to an over-estimate in visual range. The fundamental quantity measured by camera, film and densitometer is the extinction coefficient k. From the latter, visual range is determined from

$$V = \frac{M}{k} \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots \quad (12)$$

where

$$M = \ln \frac{1}{\varepsilon} (1 - I_o/I_\infty)$$

Applying equation (8) to equation (12) and including a correction constant to convert base log to natural log results in:

$$\text{VISUAL RANGE} = \frac{x \ln \frac{1}{\varepsilon} (1 - \frac{A}{2})}{\ln \left[\frac{(1-\frac{A}{2})}{1 - e^{[(2.302585)(D_X - D_\infty)/\gamma]}} \right]} \quad \ldots\ldots\ldots\ldots\ldots\ldots \quad (13)$$

An example of a visual range calculation follows:

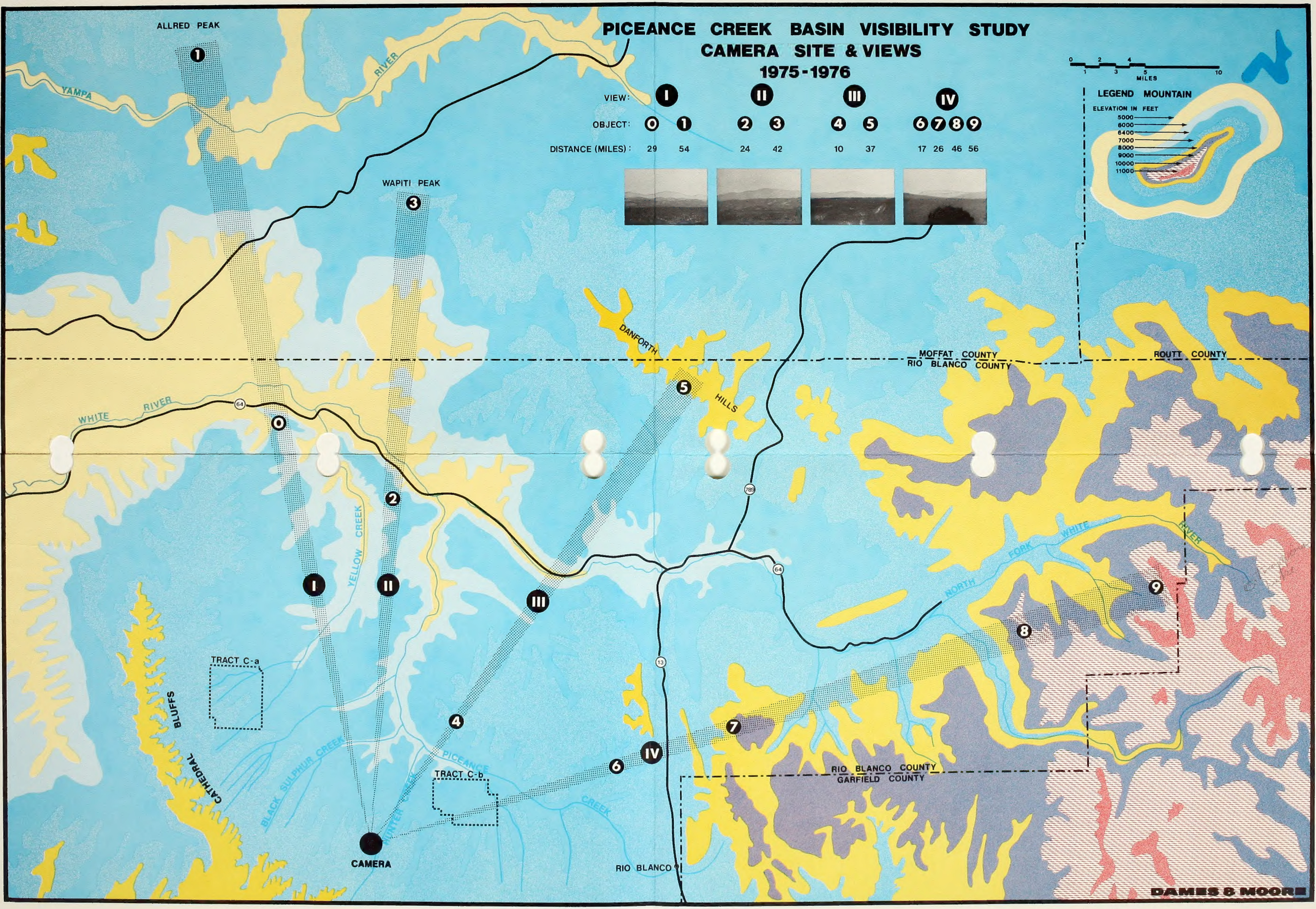
$$VR = \frac{x \ln \frac{1}{\varepsilon} (1 - \frac{A}{2})}{\ln \left[\frac{(1 - \frac{A}{2})}{1 - e^{[(2.302585)(D_X - D_\infty)/\gamma]}} \right]}$$

where	$x = 54$ miles	Date: June 6, 1976
	$\varepsilon = 0.02$	Time: 0830 MST
	$A = 0.15$	Object No.: 1
	$D_X = 0.74$	
	$D_\infty = 0.75$	
	$\gamma = 0.87$	

$$VR = \frac{54 \ln \frac{1}{0.02} \left(1 - \frac{0.15}{2}\right)}{\ln \left[\frac{\left(1 - \frac{0.15}{2}\right)}{1 - e^{[(2.302585)(0.74-0.75)/0.87]}}\right]}$$

$$VR = \frac{207.04}{3.57}$$

$$VR = 58.0 \text{ miles}$$



PICEANCE CREEK BASIN VISIBILITY STUDY
CAMERA SITE & VIEWS
1975-1976